



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350

486 pzo

IN REPLY REFER TO

CH-1 of 01 JUL 1992

OPNAVINST 5442.4M
OP-515

17 OCT 1990

OPNAV INSTRUCTION 5442.4M

From: Chief of Naval Operations

Subj: AIRCRAFT MATERIAL CONDITION DEFINITIONS, MISSION-ESSENTIAL
SUBSYSTEMS MATRICES (MESMS), AND MISSION DESCRIPTIONS

Ref: (a) OPNAVINST 3710.7N (NOTAL)
(b) OPNAVINST 4700.19E (NOTAL)
(c) OPNAVINST 4790.2E (NOTAL)
(d) OPNAVINST 4614.1F (NOTAL)
(e) NAVSUP 437 Publication (NOTAL)
(f) NAVSUP 485 Publication (NOTAL)

Encl: (1) Mission-Essential Subsystems Matrices for U.S. Navy,
U.S. Marine Corps and U.S. Navy and Marine Corps
Reserve Aircraft
(2) Mission-Essential Subsystems Matrix and Mission
Description Construction Procedures
(3) Mission Capable Goals by Type/Model/Series (T/M/S)
Aircraft and Unit Operational Category for Current
Fiscal Year (D)

1. Purpose. To provide policy guidance for material condition
reporting of Navy and Marine Corps aircraft establish: (D)

- a. Material condition reporting terms and definitions.
- b. MESMs.
- c. MESM and mission description construction/change
procedures.
- d. Mission capable goals by aircraft T/M/S.

2. Implementation. This change is effective upon receipt.

3. Definitions. The following definitions conform to reference (D)
(b) and (c).



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01.

a. Material Condition Reporting Status. Reporting status with respect to Subsystem Capability Impact Reporting (SCIR).

(1) Equipment In Service (EIS). Aircraft with an Inventory Code of "A" assigned per Appendix F of reference (c) are EIS and readiness reporting is required. Figure 1 shows the relationship of material condition reporting categories.

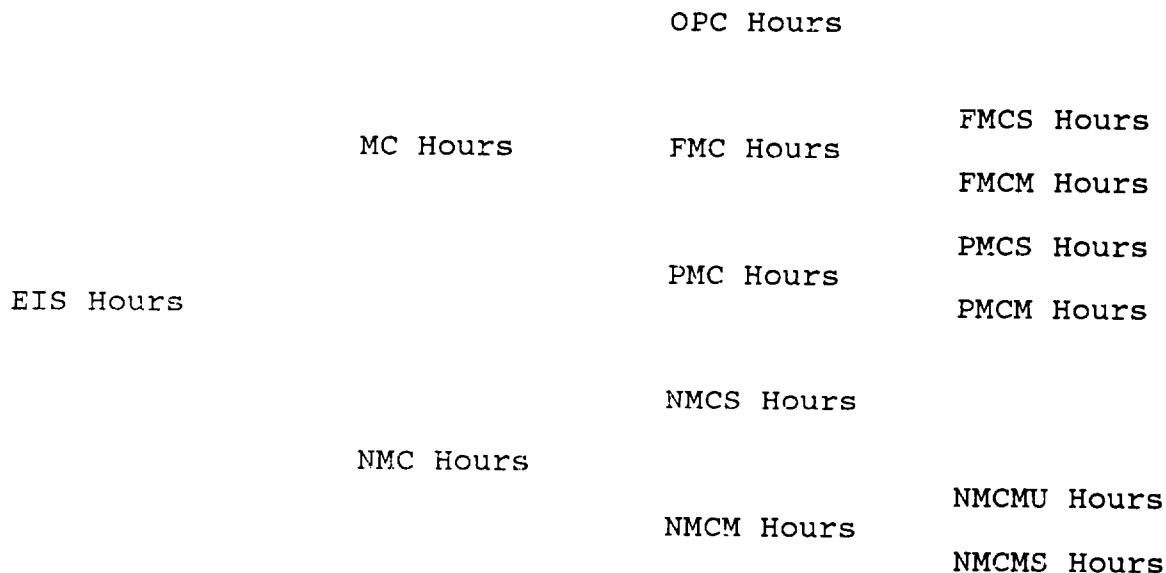


Figure 1

(2) Equipment Out of Service (EOS). Aircraft with an Inventory Code of 1 through 4, assigned per Appendix F of reference (c), are EOS. EOS is not subject to material condition reporting.

b. Equipment Operational Capability (EOC) Codes. EOC codes relate a particular system/subsystem within a T/M/S of equipment to a specific mission. EOC codes have three positions. The first position is an alpha character which describes mission capability. The last two positions are the first two numeric characters of the Work Unit Code (WUC) which identify the system/subsystem impairing mission capability.

R) c. Mission. Missions used in matrix construction and mission impact reporting are defined for each aircraft T/M/S listed in enclosure (1).

R) d. Mission-Essential Subsystem. Subsystems of an aircraft required to perform designated missions are defined in enclosure (1).

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e. Mission Capable (MC). Material condition of an aircraft that can perform at least one and potentially all of its missions as defined in enclosure (1). (R)

$$MC \text{ Hours} = EIS \text{ Hours} - NMC \text{ Hours}$$

f. Optimum Performance Capable (OPC). Material condition of an aircraft that can perform all assigned missions with all equipment operational. (R)

$$OPC \text{ Hours} = MC \text{ Hours} - (FMC \text{ Hours} + PMC \text{ Hours})$$

g. Full Mission Capable (FMC). Material condition of an aircraft that can perform all of its missions defined in enclosure (1). FMC is subdivided into FMC Maintenance (M) and FMC Supply (S). (R)

$$FMC \text{ Hours} = MC \text{ Hours} - (PMC \text{ Hours} + OPC \text{ Hours})$$

(1) Full Mission Capable Maintenance (FMCM). Material condition of an FMC aircraft that is not OPC because of maintenance requirements existing on inoperable subsystem(s) which degrade the end item from OPC to FMCM. FMCM time starts when the condition is discovered, except when the discovery is made in flight. In flight malfunction FMCM time starts at the termination of flight. FMCM time stops when maintenance is completed or interrupted by a supply shortage. Report work stoppage resulting from parts nonavailability as FMCS. FMCM time resumes when required supply item(s) are delivered to the maintenance activity.

$$FMCM \text{ Hours} = FMC \text{ Hours} - FMCS \text{ Hours}$$

(2) Full Mission Capable Supply (FMCS). Material condition of an FMC aircraft not OPC because maintenance required to correct the discrepancy which degrades the end item from OPC to FMCM cannot continue because of a supply shortage. Start FMCS time when a supply demand has been made for an item required to continue maintenance. Stop FMCS time as per paragraph 5e. (R)

$$FMCS \text{ Hours} = FMC \text{ Hours} - FMCM \text{ Hours}$$

h. Partial Mission Capable (PMC). Material condition of an aircraft that can perform at least one but not all of its missions listed in enclosure (1). PMC is subdivided into PMCM and PMCS. (R)

$$PMC \text{ Hours} = MC \text{ Hours} - (OPC \text{ Hours} + FMC \text{ Hours})$$

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- R) (1) Partial Mission Capable Maintenance (PMCM). Material condition of an aircraft that can perform at least one but not all of its missions because of maintenance requirements existing on the inoperable subsystem(s). Start PMCM time when the condition is discovered, except when the discovery is made in flight. In flight malfunction PMCM time starts at the termination of flight. Stop PMCM time when maintenance is completed or interrupted by a supply shortage. Report work stoppage resulting from parts nonavailability as PMCS. PMCM time resumes when required supply item(s) are delivered to the maintenance activity.

$$\text{PMCM Hours} = \text{PMC Hours} - \text{PMCS Hours}$$

- R) (2) Partial Mission Capable Supply (PMCS). Material condition of an aircraft that can perform at least one but not all of its missions because maintenance required to correct the discrepancy cannot continue because of a supply shortage. Start PMCS time when a supply demand has been made for an item required to continue maintenance. Stop PMCS time as per paragraph 5e.

$$\text{PMCS Hours} = \text{PMC Hours} - \text{PMCM Hours}$$

- R) i. Not Mission Capable (NMC). Material condition of an aircraft that is not capable of performing any of its missions listed in enclosure (1). NMC is subdivided into NMCM and NMCS.

$$\text{NMC Hours} = \text{EIS Hours} - \text{MC Hours}$$

- R) (1) Not Mission Capable Maintenance (NMCM). Material condition of an aircraft that is not capable of performing any of its missions because of maintenance requirements. Start NMCM time when the condition is discovered except when the discovery is made in flight. In flight malfunction NMCM time starts at the termination of flight. Stop NMCM when maintenance is completed or interrupted by a supply shortage. Report work stoppage resulting from parts nonavailability as NMCS. NMCM time resumes when required supply item(s) are delivered to the maintenance activity. NMCM is further defined as NMCM scheduled (S) and NMCM unscheduled (U).

$$\text{NMCM Hours} = \text{NMC Hours} - \text{NMCS Hours}$$

- R) (a) Not Mission Capable Maintenance Scheduled (NMCMS). Sum of equipment maintenance hours documented for scheduled engine inspections, special inspections, phase/calendar inspections and conditional inspections. An aircraft will be considered NMCMS if panels and equipment removed to conduct area inspections cannot be replaced within 2 hours or if the aircraft has been utilized to the maximum allowable operating limit prior to the scheduled maintenance requirement (e.g., +10 percent, +3 days).

NMCMH Hours = NMCM Hours - NMCMU Hours

(b) Not Mission Capable Maintenance Unscheduled (NMCMU). Sum of maintenance not defined above as scheduled maintenance, occurring during the interval between scheduled downtime maintenance periods.

NMCMU Hours = NMCM Hours - NMCMH Hours

(2) Not Mission Capable Supply (NMCS). Material condition of an aircraft that is not capable of performing any of its missions because maintenance required to correct the discrepancy cannot continue due to a supply shortage. Start NMCS time when a supply demand has been made for an item(s) required to continue maintenance. Stop NMCS time as per paragraph 5e. (R)

NMCS Hours = NMCM Hours - NMCMH Hours

4. Discussion.

a. Management. The Chief of Naval Operations has established 73 percent as the overall aircraft MC goal. Enclosure (3) contains MC and FMC goals by T/M/S aircraft. The overall FMC goal is 56 percent. (R)

b. Mission-Essential Subsystems Matrices (MESMs). MESMs indicate the equipment/modes of operation required to perform missions stated in enclosure (1). The EOC code relates each system/subsystem to a mission. These codes are documented as per reference (c). The EOC code for each line of a MESM is documented only when the described system/ function/mode/capability cannot be used as designed. A number of MESM items are identified only at the system level rather than by exact subsystem or component designation. MESMs are complete with all essential systems/subsystems included. MESMs for new aircraft shall be developed by the Program Manager Assistant (PMA) with fleet assistance prior to Operational Evaluation (OPEVAL). The MESM shall be utilized to compute Mean Time Between Critical Failures (MTBCF) as specified in Operational Requirement Documents (ORD) and Test and Evaluation Master Plans (TEMP). (R)

c. Standardization. This instruction establishes the Department of the Navy standard for reporting the material condition of aircraft and training devices. Other matrices shall not be substituted for MESMs contained in enclosure (1). Equipment listed is considered essential to maintain the capability to perform missions listed in enclosure (1). All systems should be exercised regularly to ensure that discrepancies are identified. MESMs meet or exceed the material readiness, maintenance and supply effectiveness requirements of reference (b) and the safety requirements of reference (a). (R)

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- R) d. Supply. MESMs are not intended to determine supply system priorities but to determine supply system project codes defined by reference (d), (e) or (f). EOC codes may be used as criteria in determining material item mission essentiality codes for supply management purposes. One or more requisitions must be outstanding when an NMCS, PMCS or FMCS material condition is reported. Assign an NMCS project code only if the lack of the required part makes the aircraft incapable of performing any of its missions as defined in enclosure (1). Assign a PMCS project code only if the lack of the required part makes the aircraft incapable of performing one or more but not all of its missions. Other work stoppage, O-level requisitions for aircraft material, including those which degrade equipment from OPC to FMCS, will be assigned project code AK1.
- e. Supply Rule. Start FMCS, PMCS and NMCS time when a supply demand is placed on supply for a required item. Stop FMCS, PMCS and NMCS time when the required item is received by the maintenance activity.
- f. Use of PMC Aircraft. This instruction does not restrict flying PMC aircraft which in the judgment of the unit commanding officer (CO) or officer in charge (OINC) are safely flyable. Good management mandates that aircraft be released to maintenance as soon as possible to be restored to FMC condition.
- g. Use of NMC Aircraft. NMC aircraft are defined in enclosure (1) as "not safely flyable." Aircraft in this condition shall not be flown. EOC code alpha character "Z" is assigned for reporting aircraft NMC.
- h. Research, Development, Test & Evaluation Aircraft. MESMs for aircraft assigned to the Naval Air Systems Command with the primary mission of research, development, test and evaluation are not established because of the uniqueness and multiplicity of installed equipment and the tasks assigned these aircraft. These aircraft are considered MC when safely flyable per the applicable Naval Air Training and Operating Procedures Standardization (NATOPS) or aircraft operating manuals.
- R) i. Reporting. Material condition data generated by reference (c) is used to develop, allocate and justify naval aviation logistic support budgets. It is essential that data submitted by reporting activities accurately reflect actual material condition, as measured against enclosure (1).

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5. MESM Change Procedures. MESMs and mission descriptions are developed for all aircraft. Forward change recommendations, including comments to the Chief of Naval Operations (OP-515) via the chain of command and the cognizant aircraft controlling custodian. Change recommendations must be submitted in format contained in enclosure (1). MESM construction procedures are contained in enclosure (2). (R)

6. Action. The CO or OINC of a unit must take direct and continuing action to ensure aircraft are properly classified as FMC, PMC or NMC per this directive and reference (c). Reporting units are encouraged to reproduce applicable portions of this instruction for distribution as required. Administrative control must be exercised to ensure changes and revisions issued are incorporated into applicable portions. Submit proposed changes as per paragraph 6 of this instruction. (R)



R. D. MIXSON
Assistant Chief of Naval
Operations (Air Warfare)
(Acting)

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(See page 8 and 9)

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RECORD OF CHANGES

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OPNAVINST 5442.4M

17 OCT 1990

**MISSION-ESSENTIAL SUBSYSTEMS MATRICES (MESM)
AND MISSION DESCRIPTION FOR
U. S. NAVY, U. S. MARINE CORPS AND U. S. NAVY AND
MARINE CORPS RESERVE AIRCRAFT**

Enclosure (1)

01 JUL 1992

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EA-3B
TYPE EQUIPMENT CODE: AABE

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACCELEROMETER
ACLS (AN/ASW-25)
AUTOPILOT
COURSE DEVIATION INDICATOR
FUEL TOTALIZER
NAVIGATION SYSTEM (AN/APN-153)
SEXTANT SYSTEM (TRANS-OCEAN ONLY)
TAXI LIGHT

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the optimum reconnaissance mission. The aircraft is not capable of performing all assigned missions without degradation. The aircraft is capable of detecting threats to the aircraft and the fleet and can expeditiously relay threat warnings to the appropriate warfare or "on scene" commander. The aircraft is Electronic Warfare Mission Capable (EWMC), M or S.

AUDIO RECORDER (2 REQUIRED)
DTR (POSITIONS 4 AND 5)
FUNCTIONAL DF SYSTEM (POSITIONS 1, 2 AND 3)
HF TRANSCEIVER (1 REQUIRED)
OMEGA (LITTON-211)
PRF DEVICE (2 REQUIRED)
PRF COUNTER (2 REQUIRED)
RADAR (APS-133)
SR 212A-3 (POSITIONS 4 AND 5)
TIME CODE GENERATOR PLUS 3 DIGITAL DISPLAYS
VIDEO RECORDER (2 REQUIRED)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the limited reconnaissance mission. The aircraft is not capable of performing reconnaissance against several objectives in a moderate to heavy electromagnetic environment. The aircraft is PMC, M or S.

DTR (1 REQUIRED)
FUNCTIONAL DF SYSTEM (POSITIONS 1, 2 AND 3)
FUNCTIONAL ESM SYSTEM (D THROUGH J BAND/IFM)

Enclosure (1)

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EA-3B (cont)

(POSITION 2 OR 3)
PRF DEVICE (1 REQUIRED) AND PRF COUNTER
PULSE ANALYZER (POSITIONS 1, 2 AND 3)
SECURE UHF TRANSCEIVER (1 REQUIRED)
SR212A-3 (1 REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off an aircraft carrier (CV) or field operations with a full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF, or in-flight refueling. The aircraft is PMC, M or S.

AIR REFUELING SYSTEM
CATAPULT SYSTEM (REQUIRED FOR CV OPERATIONS)
ICS (STATIONS 4 THROUGH 7)
OXYGEN SYSTEM (STATIONS 4 THROUGH 7)
SECURE IFF/SIF (KIT 1A)
SECURE UHF (KY-28/58 ENCODER)
SURVIVAL EQUIPMENT (STATIONS 4 THROUGH 7) (NOTE 1)
TACAN/DME
UHF (1 REQUIRED)
WING AND FIN FOLD SYSTEM (REQUIRED FOR CV OPERATIONS)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the Instrument Meteorological Conditions (IMC) flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable Naval Air Training and Operating Procedures Standardization (NATOPS) and Federal Aviation Administration (FAA) regulations. The aircraft is PMC, M or S.

ANTI-ICING SYSTEM
BEARING, DISTANCE, HEADING INDICATOR (BDHI)
EXTERIOR LIGHTS
IFF/SIF (AN/APX-72) (MINUS 4)
INSTRUMENT LIGHTS
RADAR ALTIMETER (AN/APN-22 OR 194)
STANDBY GYRO
TACAN, VOR, DME, RADIO COMMUNICATION, UHF/ADF (2 REQUIRED)
TURN-AND-SLIP INDICATOR
WINDSHIELD WIPER/DEFOG

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EA-3B (cont)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under Visual Meteorological Conditions (VMC) with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
ANGLE-OF-ATTACK
ANTI-COLLISION LIGHT
ANTI-SKID
CABIN PRESSURE ALTIMETER
DRAG CHUTE
ELECTRICAL SYSTEM (2 AC/2 DC GENERATORS)
EMERGENCY ESCAPE SYSTEM
EMERGENCY RAM AIR TURBINE
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE
FUEL SYSTEM (INCLUDING TRANSFER/DUMP/
QUANTITY INDICATOR/FUEL LOW LIGHT)
HYDRAULIC SYSTEMS
ICS (STATIONS 1 THROUGH 3)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 2)
LANDING GEAR (WITH NOSE WHEEL STEERING)
MALFUNCTION WARNING SYSTEMS
OXYGEN SYSTEM (STATIONS 1 THROUGH 3)
POWER PLANT INSTALLATION (ENGINES WITH INSTRUMENTS) (NOTE 3)
PNEUMATIC SYSTEMS
SURVIVAL EQUIPMENT (STATIONS 1 THROUGH 3) (NOTE 1)
TAIL HOOK
UHF AND VHF COMM SYSTEMS (1 REQUIRED)
UTILITIES SYSTEM (ATM AND BLEED AIR)
CONDITIONAL INSPECTION (NOTE 4)
ENGINE INSPECTION (NOTE 4)
SPECIAL INSPECTION (NOTE 4)
PHASE INSPECTION (NOTE 4)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 4)

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EA-3B (cont)

NOTES:

1. SURVIVAL EQUIPMENT INCLUDES SEAT PAN PARACHUTE/URT- 33.
2. FLIGHT INSTRUMENTS INCLUDE: AIRSPEED INDICATOR, ALTIMETER, TURN-AND-BANK INDICATOR, CLOCK WITH SWEEP SECOND HAND, ATTITUDE INDICATOR, MAGNETIC COMPASS, GYRO STABILIZED MAGNETIC COMPASS AND VERTICAL SPEED INDICATOR.
3. ENGINE INSTRUMENTS INCLUDE: EPR GAUGE, ENGINE PERFORMANCE INDICATORS AND FUEL FLOW INDICATOR.
4. AS APPLICABLE PER REFERENCE (c).

Enclosure (1)

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KA-3B

TYPE EQUIPMENT CODE: AABK

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACCELEROMETER
AUTOPILOT
COURSE DEVIATION INDICATOR
FUEL TOTALIZER
LF RADIO COMPASS (AN/ARN-6)
TAXI LIGHT
VHF (ARC-101)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the pathfinder training mission. The aircraft is not capable of extended dead reckoning navigation. The aircraft is PMC, M or S.

AIR REFUELING SYSTEM
HF TRANSCEIVER (AN/ARC-119 OR -190)
OMEGA (LITTON-211)
OUTSIDE AIR TEMPERATURE GAUGE
RADAR (APS-133)
SEXTANT SYSTEM
TAS COMPUTER (AN/ASW-66)
UHF ADF (ARA-25)
VHF (ARC-101) (1 REQUIRED)
VOR (ARN-14)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the aerial refueling mission. The aircraft is not capable of in-flight refueling (delivery). The aircraft is PMC, M or S.

IN-FLIGHT TANKER SYSTEM (INCLUDING FUEL TRANSFER)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on or off a CV or field operations with a full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF, or in-flight refueling. The aircraft is PMC, M or S.

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KA-3B (cont)

AIR REFUELING SYSTEM
CATAPULT SYSTEM (REQUIRED FOR CV OPERATIONS)
ICS (STATION 3/4)
IFF/SIF TRANSPONDER (INCLUDING MODE 4)
OXYGEN SYSTEM (STATION 3/4)
SECURE IFF/SIF (KIT 1A)
SECURE UHF (KY-28)
SURVIVAL EQUIPMENT (STATION 3/4) (NOTE 1)
TACAN/DME
UHF (AN/ARC-159)
WING AND FIN FOLD SYSTEM (REQUIRED FOR CV OPERATIONS)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC flight operations with necessary communication, IFF, navigation flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-ICING SYSTEM
BDHI
EXTERIOR LIGHTS
INSTRUMENT LIGHTS
IFF/SIF (AN/APX-72) (MINUS MODE 4)
RADAR ALTIMETER (AN/APN-194)
STANDBY GYRO
TACAN OR VOR/DME (1 REQUIRED)
TURN-AND-SLIP INDICATOR
WINDSHIELD WIPER/DEFOG

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
ANGLE-OF-ATTACK
ANTI-COLLISION LIGHTS
ANTI-SKID
CABIN PRESSURE ALTIMETER
DRAG PARACHUTE
ELECTRICAL SYSTEMS (2 AC/2 DC GENERATORS)
EMERGENCY ESCAPE SYSTEM

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KA-3B (cont)

EXPLOSIVE DEVICES
HYDRAULIC SYSTEMS
LANDING GEAR (WITH NOSE WHEEL STEERING)
FLIGHT CONTROLS
FLIGHT REFERENCE
FUEL SYSTEM (INCLUDING TRANSFER/DUMP/QUANTITY
INDICATOR/FUEL LOW LIGHT)
ICS (STATIONS 1 AND 2)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 2)
MALFUNCTION WARNING SYSTEMS
OXYGEN SYSTEMS (STATIONS 1 AND 2)
PNEUMATIC SYSTEMS
POWER PLANT INSTALLATION (ENGINES WITH
INSTRUMENTS) (NOTE 3)
SURVIVAL EQUIPMENT (STATIONS 1 AND 2) (NOTE 1)
TAIL HOOK SYSTEM
UHF AND VHF COMMUNICATION SYSTEMS (1 REQUIRED)
UTILITIES SYSTEMS (ATM AND BLEED AIR)
CONDITIONAL INSPECTION (NOTE 4)
ENGINE INSPECTION (NOTE 4)
PHASE INSPECTION (NOTE 4)
SPECIAL INSPECTION (NOTE 4)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 4)

NOTES:

1. SURVIVAL EQUIPMENT INCLUDES SEAT PAN/PARACHUTE/URT-33.
2. FLIGHT INSTRUMENTS INCLUDE AIRSPEED INDICATOR, ALTIMETER, TURN-AND-BANK INDICATOR, CLOCK WITH SWEEP SECOND HAND, ATTITUDE INDICATOR, MAGNETIC COMPASS, GYRO STABILIZED MAGNETIC COMPASS AND VERTICAL SPEED INDICATOR.
3. ENGINE INSTRUMENTS INCLUDE EPR GAUGE, ENGINE PERFORMANCE INDICATORS, AND FUEL FLOW INDICATOR.
4. AS APPLICABLE PER REFERENCE (c).

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ERA-3B

TYPE EQUIPMENT CODE: AABM

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACCELEROMETER
AN/ALQ-76 TX (BAND S1, 1, 4 OR 6)
AUTOPILOT
COMPUTER (HP-9826)
COURSE DEVIATION INDICATOR
FREQUENCY SYNTHESIZER
FUEL TOTALIZER
LTN-72
MEMORY HOLD CONTROL UNIT
MULTI-PROGRAMMER (AP-6942)
PULSE ANALYZER
TAXI LIGHT
VHF (AN/ARC-175)
WING AND FIN FOLD

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the live fire (MSR) mission. The aircraft is not capable of performing MSR operations in support of fleet warfare training exercises. The aircraft is PMC, M or S.

IFF (ALL MODES)
PIPS POD (INTERNAL)
RECEIVER (ALR-75) (NOTE 1)
TRANSMITTER (ALT-40 OR ALQ-76) (NOTE 1)
UHF, VHF OR HF RADIO WITH GUARD CAPABILITY

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the special Defensive Electronic Countermeasure (DECM) employment mission. The aircraft is not capable of performing selected DECM modes required for airborne and surface radar operator training. The aircraft is PMC, M or S.

ALE-43 (1 REQUIRED)
AN/ALE-29/39 (1 REQUIRED)
DLQ-3

Assign alpha character (E) of the EOC code when the following

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ERA-3B (cont)

system(s) are inoperative preventing the air-to-surface Electronic Countermeasures (ECM) mission. The aircraft is not capable of performing air-to-surface Electronic Warfare (EW) demonstrations in support of fleet warfare training exercises, locating surface targets, identifying electronic emitters, conducting control-simulated Air-to-Surface Missile (ASM) attacks or employing appropriate ECM. The aircraft is PMC, M or S.

AN/ALR-75 (NOTE 1)
MD 492/8000 ULT AND/ASQ 191 (NOTE 1)
OE-383 ALR ANTENNA (1 REQUIRED)
TRANSMITTER (AN/ALT-40 OR ALQ-76) (NOTE 1)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the fighter aircraft training mission. The aircraft is not capable of performing active ECM against fighter aircraft, or employing appropriate ECM. The aircraft is PMC, M or S.

AN/ALR-75 B OR F BAND (FOR SEW/AWACS INTEGRATED OPERATIONS)
AN/ALR-75 (I BAND)
AN/ALT-40 (I/J BAND TX) OR ALQ-76 I (BAND 8)
AN/ALT-40 TX (NOTE 1)
DLQ-3 (FOR ALL DECEPTION MISSIONS)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative preventing the Aircraft Early Warning (AEW) readiness training mission. The aircraft is not capable of performing active ECM against AEW aircraft or identifying AEW radar with the ability to employ appropriate ECM. The aircraft is PMC, M or S.

AN/ALR-75 B OR F BAND (E-2 OR AACS) AND I BAND
AN/ALT-40 OR ALQ-76 TX (NOTE 1)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative preventing the Electronic Surveillance Measure (ESM) reconnaissance mission. The aircraft is not capable of reconnaissance missions within the capabilities of the aircraft system. The aircraft is PMC, M or S.

AN/ALR-75 (ALL BANDS)
ANALYSIS DISPLAY
DUAL CRT DISPLAY (1 REQUIRED)
FREQUENCY SYNTHESIZER

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ERA-3B (cont)

OE-320A DF GROUP
OE-383 ALR ANTENNA (1 REQUIRED)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the pathfinder/navigator training mission. The aircraft is not capable of extended dead reckoning navigation. The aircraft is PMC, M or S.

HF TRANSCEIVER (AN/ARC-119 OR -153)
OMEGA (LITTON-211)
OUTSIDE AIR TEMPERATURE GAUGE
RADAR (APS-133)
SEXTANT SYSTEM
TAS COMPUTER (AN/ASW-66)
UHF ADF (ARA-25)
VHF (ARC-175) (1 REQUIRED)
VOR (ARN-126) (1 REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the land based expanded mobility mission. The aircraft is not capable of safe deployment with full aircrew during day, night and inclement weather conditions, employing encrypted UHF voice communication and IFF, or in-flight refueling. The aircraft is PMC, M or S.

AIR REFUELING SYSTEM
ICS (STATIONS 4 AND 5)
IFF/SIF TRANSPONDER
OXYGEN SYSTEM (STATIONS 4 AND 5)
SECURE IFF/SIF (KIT-1A)
SECURE UHF (KY-28)
SURVIVAL EQUIPMENT (STATIONS 4 AND 5) (NOTE 2)
TACAN/DME
UHF (AN/ARC-159) (1 REQUIRED)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative, preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-ICING SYSTEM
BDHI
EXTERIOR LIGHTS
IFF/SIF (AN/APX-72) (MINUS MODE 4)

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ERA-3B (cont)

INSTRUMENT LIGHTS
RADAR ALTIMETER (AN/APN-22 OR -194)
STANDBY GYRO
TACAN OR VOR DME (1 REQUIRED)
TURN-AND-SLIP INDICATOR
WINDSHIELD WIPER/DEFOG

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communications and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
ANGLE-OF-ATTACK
ANTI-COLLISION LIGHT
ANTI-SKID
CABIN PRESSURE ALTIMETER
DRAG PARACHUTE
ELECTRICAL SYSTEMS (2 AC/2 DC GENERATORS)
EMERGENCY ESCAPE SYSTEM
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FUEL SYSTEM (INCLUDING TRANSFER/DUMP/QUANTITY
INDICATOR/FUEL LOW LIGHT)
HYDRAULIC SYSTEMS
ICS (STATIONS 1, 2 AND 3)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)
LANDING GEAR (WITH NOSE WHEEL STEERING)
MALFUNCTION WARNING SYSTEMS
OXYGEN SYSTEMS (STATIONS 1, 2 AND 3)
PNEUMATIC SYSTEMS
POWER PLANT INSTALLATION (ENGINES WITH
INSTRUMENTS) (NOTE 4)
SURVIVAL EQUIPMENT (STATIONS 1, 2 AND 3) (NOTE 2)
TAIL HOOK SYSTEM
UHF AND VHF COMMUNICATION SYSTEMS (1 REQUIRED)
UTILITIES SYSTEMS (ATM AND BLEED AIR)
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)
SPECIAL INSPECTION (NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

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ERA-3B (cont)

NOTES:

1. USER SPECIFIED BANDS.
2. SURVIVAL EQUIPMENT INCLUDES SEAT PAN/PARACHUTE/URT-33.
3. FLIGHT INSTRUMENTS INCLUDE AIRSPEED INDICATOR, ALTIMETER, TURN-AND-BANK INDICATOR, CLOCK WITH SWEEP SECOND HAND, ATTITUDE INDICATOR, MAGNETIC COMPASS, GYRO STABILIZED MAGNETIC COMPASS AND VERTICAL SPEED INDICATOR.
4. ENGINE INSTRUMENTS INCLUDE EPR GAUGE, ENGINE PERFORMANCE INDICATORS AND FUEL FLOW INDICATOR.
5. AS APPLICABLE PER REFERENCE (c).

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TA-3B/UA-3B
TYPE EQUIPMENT CODES: AABG, AABP

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M, or S.

ACCELEROMETER
AC/DC CONVERTER
AUTOPILOT
COURSE DEVIATION INDICATOR
FUEL TOTALIZER
LF RADIO COMPASS (AN/ARN-6)
TAXI LIGHT
VHF (AR-175)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the pathfinder/navigator training mission. The aircraft is not capable of extended dead reckoning navigation. The aircraft is PMC, M or S.

AIR REFUELING SYSTEM
HF TRANSCEIVER (AN/ARC-119 OR -190)
OMEGA (LITTON-211)
OUTSIDE AIR TEMPERATURE GAUGE
SEXTANT SYSTEM
RADAR (APS-113)
TAS COMPUTER (AN/ASW-66)
UHF ADF (ARA-25)
VHF (ARC-175) (1 REQUIRED)
VOR (ARN-12) (1 REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on or off a CV or field operations with a full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF, or in-flight refueling. The aircraft is PMC, M or S.

AIR REFUELING SYSTEM
CATAPULT SYSTEM (REQUIRED FOR CV OPERATIONS)
ICS (STATIONS 4 THROUGH 8)
IFF/SIF TRANSPONDER (INCLUDING MODE 4)
OXYGEN SYSTEM (STATIONS 4 THROUGH 8)
SECURE IFF/SIF (KIT-1A)

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TA-3B/UA-3B (cont)

SECURE UHF (KY-28)
 SURVIVAL EQUIPMENT (STATIONS 4 THROUGH 8) (NOTE 1)
 TACAN/DME
 UHF (AN/ARC-159)
 WING AND FIN FOLD SYSTEM (REQUIRED FOR CV OPERATIONS)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative, preventing the IMC flight mission. The aircraft is not capable of day or night IMC flight operations with necessary communication, IFF, navigation, flight and safety systems required by NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-ICING SYSTEM
 BDHI
 EXTERIOR LIGHTS
 IFF/SIF (AN/APX-72) (MINUS MODE 4)
 INSTRUMENT LIGHTS
 RADAR ALTIMETER (AN/APN-22 OR -194)
 STANDBY GYRO
 TACAN OR VOR/DME (ONE REQUIRED)
 TURN-AND-SLIP INDICATOR
 WINDSHIELD WIPER/DEFOG

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
 AIRFRAME
 ANGLE-OF-ATTACK
 ANTI-COLLISION LIGHT
 ANTI-SKID
 CABIN PRESSURE ALTIMETER
 DRAG PARACHUTE
 ELECTRICAL SYSTEMS (2 AC/2 DC GENERATORS)
 EMERGENCY ESCAPE SYSTEM
 EMERGENCY RAM AIR TURBINE
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS
 FLIGHT REFERENCE
 FUEL SYSTEMS (INCLUDING TRANSFER/DUMP/QUANTITY INDICATOR/FUEL LOW LIGHT)

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TA-3B/UA-3B (cont)

HYDRAULIC SYSTEMS

ICS (STATIONS 1, 2 AND 3)

INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 2)

LANDING GEAR (WITH NOSE WHEEL STEERING)

MALFUNCTION WARNING SYSTEMS

OXYGEN SYSTEMS (STATIONS 1, 2 AND 3)

PNEUMATIC SYSTEMS

POWER PLANT INSTALLATION (ENGINES WITH INSTRUMENTS) (NOTE 3)

TAIL HOOK SYSTEM

UHF AND VHF COMMUNICATION SYSTEMS (1 REQUIRED)

UTILITIES SYSTEMS (ATM AND BLEED AIR)

CONDITIONAL INSPECTION (NOTE 4)

ENGINE INSPECTION (NOTE 4)

SPECIAL INSPECTION (NOTE 4)

PHASE INSPECTION (NOTE 4)

TECHNICAL DIRECTIVE COMPLIANCE (NOTE 4)

NOTES:

1. SURVIVAL EQUIPMENT INCLUDES SEAT PAN/PARACHUTE/URT-33.
2. FLIGHT INSTRUMENTS INCLUDE AIRSPEED INDICATOR, ALTIMETER, TURN-AND-BANK INDICATOR, CLOCK WITH SWEEP SECOND HAND, ATTITUDE INDICATOR, MAGNETIC COMPASS, GYRO STABILIZED MAGNETIC COMPASS AND VERTICAL SPEED INDICATOR.
3. ENGINE INSTRUMENTS INCLUDE EPR GAUGE, ENGINE PERFORMANCE INDICATORS, AND FUEL FLOW INDICATOR.
4. AS APPLICABLE PER REFERENCE (c).

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A-4E/A-4F
TYPE EQUIPMENT CODE: AACD/AACG

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AUTOPILOT
DOPPLER RADAR NAVIGATION SET
ILS (ARA-63) (A-4F ONLY) (NOTE 1)
RADIO RECEIVING SET (ARR-69)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the special weapons delivery mission. The aircraft is PMC, M or S.

DCU-75 (NOTE 1)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the air defense/guided weapons mission. The aircraft is not capable of performing air defense operations or delivering guided weapons. The aircraft is PMC, M or S.

LOW ALTITUDE BOMBING SYSTEM
LOW ALTITUDE WARNING SYSTEM

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the advanced air-to-ground mission. The aircraft is not capable of striking surface targets in a high threat, high EW environment, conducting systems delivery of multiple drop weapons on a single pass, or delivering Laser Guided Bombs (LGB) and electrically fuzed weapons. The aircraft is PMC, M or S.

SHRIKE (NOTE 1)
SIDEWINDER (NOTE 1)
WALLEYE (NOTE 1)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the basic air-to-ground mission. The aircraft is not capable of striking surface targets with multiple weapons at an extended range, providing support for helicopter operations, or providing close/direct air support. The aircraft is PMC, M or S.

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A-4E/A-4F (cont)

AUTOMATIC WEAPONS RELEASE SYSTEM	(NOTE 1)
CHAFF DISPENSER SET	(NOTE 1)
ELECTRICAL FUZING SYSTEMS	(NOTE 1)
FLARES	(NOTE 1)
GUN PODS	(NOTE 1)
RADAR HOMING AND WARNING SYSTEM	(NOTE 1)
WEAPONS RELEASE COMPUTER	(NOTE 1)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative preventing the ECM training mission. The aircraft is not capable of performing air-to-air ECM exercises or performing air-to-air ECM exercises for aircraft configured with IEE. The aircraft is PMC, M or S.

AN/ASR-101	(NOTE 1)
AN/DLQ-3/A/B	(NOTE 1)
JEEP III MODE 0	(NOTE 1)
MXV 656A	(NOTE 1)
RSS MODE I	(NOTE 1)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative preventing the target towing mission. The aircraft is not capable of towing LOFAT or FIGAT (TDU-29) for surface-to-air and air-to-air gunnery exercises, towing banner (AERO-26C) for aerial gunnery exercises, towing TDU-22A/B for surface-to-air gunnery and air-to-air missile exercises or towing the DART (TDU-10B) target for aerial gunnery exercises. The aircraft is PMC, M or S.

A/A37U-15A/-32A REEL	(NOTE 1)
MK-51 BOMB RACK AND ADAPTER	(NOTE 1)
PEK-84/A47U3 CONTROL BOX	(NOTES 1,2)
PEK-85/A/A37U31 CONTROL BOX	(NOTES 1,3)
RMK-10/A47U3 REEL	(NOTES 1,2)
RMK-23/A/A37U31 REEL	(NOTES 1,3)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the TRACKEX/AIC/in-flight refueling training mission. The aircraft is not capable of providing in-flight refueling training, conducting surface-to-air radar beacon tracking or providing aerial radar target training for airborne, shore based and shipboard air intercept controllers and fire control systems. The aircraft is PMC, M or S.

ACCELEROMETER (A-4F ONLY)

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A-4E/A-4F (cont)

AIR REFUELING STORE	(NOTE 1)
ANTI-BLACKOUT SYSTEM	
ARMAMENT CONTROL PANEL	
C-BAND BEACON TRANSPONDER (VC ONLY)	
INERTIAL GUNS	(NOTE 1)
OPTICAL SIGHT	
ORDNANCE CARRIAGE AND RELEASE SYSTEM	
RACKS (STATIONS 2 AND 4 AS REQUIRED)	
RACKS (STATION 3 AS REQUIRED)	

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on or off a CV with full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communications and IFF or in-flight refueling. The aircraft is PMC, M or S.

APPROACH LIGHTS	
CATAPULT SYSTEM	
EMERGENCY STORES JETTISON	
EXTERNAL FUEL TRANSFER	
EXTERNAL FUEL TANKS	(NOTE 1)
IFF (ALL MODES)	
IN-FLIGHT REFUELING (RECEIVE)	
JATO	(NOTE 1)
SECURE IFF	(NOTE 1)
SECURE VOICE	(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ARA-50 DIRECTION FINDER GROUP
 CLOCK
 ENGINE ANTI-ICE SYSTEM
 EXTERNAL LIGHTS (LESS APPROACH)
 IFF (MODE 3, A/C)
 INTERIOR LIGHTS
 MAGNETIC COMPASS
 PITOT HEAT
 RADAR ALTIMETER
 RAIN REMOVAL SYSTEM
 STANDBY ATTITUDE INDICATOR

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A-4E/A-4F (cont)

TACAN
TURN-AND-SLIP INDICATOR

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
ENGINES
EMERGENCY EQUIPMENT
EMERGENCY RADIO
EXPLOSIVE DEVICE
FLIGHT CONTROLS
FLIGHT REFERENCE (ANGLE-OF-ATTACK)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC SYSTEM
INSTRUMENTS/INSTRUMENT SYSTEM (WUC 51 SERIES) (NOTE 4)
INTEGRATED GUIDANCE AND FLIGHT CONTROL
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHTS)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS
PNEUMATIC SYSTEM
POWER PLANT INSTALLATION
RADIO NAVIGATION (HSI AND BDHI)
UHF COMMUNICATIONS SYSTEMS
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)
SPECIAL INSPECTION (NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. AFC 574 IS REQUIRED.
3. FOR TDU-22A/B TOWING ONLY.
4. AIRSPEED INDICATOR, PRESSURE INDICATOR, VSI.
5. AS APPLICABLE PER REFERENCE (c).

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TA-4F
TYPE EQUIPMENT CODE: AACF

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACLS (ARA-63)	(NOTE 1)
AERO-14	(NOTE 1)
AFCS (ALL MODES)	
AIRCRAFT WEAPONS RELEASE SYSTEM	
APPROACH POWER COMPENSATOR	
DATA LINK (ASW-25)	(NOTE 1)
DOPPLER RADAR NAVIGATION SET	
ELECTRIC FUSING	(NOTE 1)
GROUND CONTROL BOMBING SYSTEM	(NOTE 1)
IFR (TANKER)	(NOTE 1)
INSTRUMENTS/LIGHTS (R/C TO INCLUDE TRIM INDICATORS)	
LOW ALTITUDE BOMBING SYSTEM	
RADAR BEACON	(NOTE 1)
RADIO NAVIGATION	
SECURE VOICE (FM)	(NOTE 1)
SHRIKE/WALLEYE	(NOTE 1)
SIDEWINDER	(NOTE 1)
WEAPONS RELEASE COMPUTER	

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the conventional weapons delivery mission. The aircraft is not capable of delivering conventional weapons against surface targets, of armed reconnaissance and interdiction or armed escort in support of helicopter operations. The aircraft is PMC, M or S.

GUNSIGHT	
GPU 1 A/A	
MK-4	(NOTE 1)
MK-12	
ORDNANCE CARRIAGE/RELEASE SYSTEM	
ROCKETS	

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the advanced Forward Air Control (FAC)(A)/Tactical Air Control (TAC)(A) mission. The aircraft is not capable of coordinating or controlling supporting arms in a high threat air-to-air warfare (AAW)/EW environment or using active/passive ECM defenses. The aircraft is PMC, M or S.

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TA-4F (cont)

CHAFF/FLARE (NOTE 1)
DEFENSIVE ECM (NOTE 1)
RADAR ALTIMETER
RADAR HOMING AND WARNING SYSTEM (NOTE 1)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic FAC(A)/TAC(A) mission. The aircraft is not capable of FM two-way air-to-ground communication or coordinating/controlling supporting arms in a low threat AAW environment. The aircraft is PMC, M or S.

EXTERNAL FUEL STORE CAPACITY (STATIONS 2 AND 4/
STATION 3 REQUIRED)

FM
UHF/FM (R/C CONTROL) (NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV with full aircrew during day, night and inclement weather conditions using encrypted UHF voice communication and IFF or in-flight refueling. The aircraft is PMC, M or S.

APPROACH LIGHTS
CATAPULT SYSTEM
IFF (RECEIVE)
SECURE IFF (NOTE 1)
SECURE VOICE (UHF) (NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

COCKPIT LIGHTING SYSTEM (F/C)
ENGINE ANTI-ICE
EXTERIOR LIGHTS
IFF (MODE 3/A, C)
IMC INSTRUMENTS (F/C) (NOTE 2)
PITOT HEAT
TACAN (LESS AIR-TO-AIR)

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TA-4F (cont)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
 AIRFRAME
 BOMBING NAVIGATION (AJB-3A)
 ELECTRICAL SYSTEMS
 ENGINES
 EMERGENCY EQUIPMENT
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS
 FLIGHT REFERENCE (ANGLE-OF-ATTACK)
 FUEL SYSTEM (INTERNAL)
 FUSELAGE COMPARTMENTS
 HYDRAULIC SYSTEM
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)
 INTEGRATED GUIDANCE AND FLIGHT CONTROL
 LANDING GEAR
 LIGHTING SYSTEMS (1 ANTI-COLLISION LIGHT REQUIRED)
 MISCELLANEOUS UTILITIES
 OXYGEN SYSTEMS
 POWER PLANT INSTALLATION (NOTE 4)
 UHF COMMUNICATION SYSTEM (HSI AND BDHI)
 CONDITIONAL INSPECTION (NOTE 5)
 ENGINE INSPECTION (NOTE 5)
 PHASE INSPECTION (NOTE 5)
 SPECIAL INSPECTION (NOTE 5)
 TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. CLOCK, STANDBY GYRO, STANDBY COMPASS, TURN-AND-SLIP INDICATOR.
3. AIRSPEED INDICATOR, PRESSURE ALTIMETER, VSI.
4. EGT, EPR, RPM, FUEL FLOW, OIL PRESSURE.
5. AS APPLICABLE PER REFERENCE (c).

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A-4M

TYPE EQUIPMENT CODE: AACP

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AFCS (STAB AUG ONLY)	
APPROACH POWER COMPENSATOR	(NOTE 1)
AUTO CARRIER LANDING SYSTEM	(NOTE 1)
AUXILIARY RECEIVER	
DATA LINK (ASW-25)	(NOTE 1)
IFR (TANKER)	(NOTE 1)
RADAR BEACON	(NOTE 1)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the special weapons delivery mission. The aircraft is PMC, M or S.

LOW ALTITUDE BOMBING SYSTEM

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the air defense/guided weapons delivery mission. The aircraft is not capable of performing air defense operations or delivering guided weapons. The aircraft is PMC, M or S.

AA30 LASER SPOT TRACKER	(NOTE 1)
CHAFF/FLARES (ALE-29/39)	(NOTE 1)
ELECTRICAL FUZING	(NOTE 1)
DECM (ALQ-126)	(NOTE 1)
RWR ALR-45 D/F/50APR-43	(NOTE 1)
WEAPONS RELEASE COMPUTER	(NOTE 1)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the advance air-to-ground delivery mission. The aircraft is not capable of striking surface targets in a high threat high EW environment, conducting systems delivery of multiple drop weapons on a single pass or delivering LGB and electrically fuzed weapons. The aircraft is PMC, M or S.

AERO-14	(NOTE 1)
ARBS	(NOTE 1)
AWRS	(NOTE 1)

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A-4M (cont)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic air-to-ground delivery mission. The aircraft is not capable of striking surface targets and multiple weapons at an extended range, providing support for helicopter operations, or providing close/direct air support. The aircraft is PMC, M or S.

EXTERNAL FUEL CAPABILITY (STATIONS 2 AND 4/
STATION 3 REQUIRED)
FM RADIO
HUD (BARO MODE AND STANDBY RETICLE)
MK-4/GPU 2 A/A
MK-12
ORDNANCE CARRIAGE AND RELEASE

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV with full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF or in-flight refueling. The aircraft is PMC, M or S.

APPROACH LIGHTS
IFR (RECEIVER)
JATO (NOTE 1)
SECURE IFF (NOTE 1)
SECURE VOICE (VHF) (FM) (UHF) (NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of IMC field flight operations with necessary communications, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

COCKPIT LIGHTS
ENGINE ANTI-ICE
EXTERIOR LIGHTS
IFF (MODES 3/A, C)
IMC INSTRUMENTS (NOTE 2)
PITOT HEAT
TACAN (LESS AIR-TO-AIR)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely

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A-4M (cont)

flyable. The aircraft is not capable of field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION

AIRFRAME

BOMBING NAVIGATION (AJB-3A)

DECELERATION EQUIPMENT/DROGUE PARACHUTE

ELECTRICAL SYSTEMS

EMERGENCY EQUIPMENT

EMERGENCY RADIO

ENGINES

EXPLOSIVE DEVICES

FLIGHT CONTROLS

FLIGHT REFERENCE (ANGLE-OF-ATTACK)

FUEL SYSTEM

FUSELAGE COMPARTMENTS

HYDRAULIC SYSTEM

INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)

INTEGRATED GUIDANCE AND FLIGHT CONTROL

LANDING GEAR

LIGHT SYSTEMS (1 ANTI-COLLISION LIGHT REQUIRED)

MISCELLANEOUS UTILITIES

OXYGEN SYSTEMS

POWER PLANT INSTALLATION (NOTE 4)

RADIO NAVIGATION (HSI AND BDHI)

UHF COMMUNICATION SYSTEMS

CONDITIONAL INSPECTION (NOTE 5)

ENGINE INSPECTION (NOTE 5)

SPECIAL INSPECTION (NOTE 5)

PHASE INSPECTION (NOTE 5)

TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. IMC FLIGHT INSTRUMENTS: CLOCK (WITH SWEEP SECOND HAND), STANDBY GYRO, STANDBY COMPASS, TURN-AND-SLIP INDICATOR.
3. BASIC FLIGHT INSTRUMENTS: AIRSPEED INDICATOR, PRESSURE ALTIMETER, VSI.
4. ENGINE INSTRUMENTS: EGT, RPM, EPR, FUEL FLOW, OIL PRESSURE.
5. AS APPLICABLE PER REFERENCE (c).

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TA-4J

TYPE EQUIPMENT CODE: AACQ

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AFCS
ARN COURSE INDICATOR (AD-249)
EXTERIOR LIGHTS (FUSELAGE, TAXI, PROBE)
IFF (SECURE)
IN-FLIGHT REFUEL (RECEIVE)
JATO

Assign alpha character (C) or the EOC code when the following system(s) are inoperative preventing the night/IMC dual training mission. The aircraft is not capable of day/night all weather training flights terminating ashore with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AUXILIARY UHF/ADF
ICS (FMC)
ALL WEATHER FLIGHT EQUIPMENT (R/C) (NOTE 1)
INSTRUMENT HOOD
INTERIOR LIGHTS (R/C)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the VMC dual training mission. The aircraft is not capable of day/night VMC training flight terminating ashore with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ACCELEROMETER (R/C)
CABIN ALTIMETER (R/C)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the solo training mission. The aircraft is not capable of operating day/night with necessary communication, IFF, navigation, flight and safety systems, operable from the front cockpit required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ACCELEROMETER (F/C)
AOA (EXTERNAL APPROACH LIGHTS)

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TA-4J (cont)

GUNS	(NOTE 2)
GUNSIGHT	(NOTE 2)
LABS	(NOTE 2)
ORDNANCE CARRIAGE/RELEASE SYSTEM	(NOTE 2)
NOSE WHEEL STEERING	(NOTE 3)
RADAR ALTIMETER	

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the air services mission. The aircraft is not capable of providing air services using required unit mission equipment. The aircraft is PMC, M or S.

SURVIVAL EQUIPMENT (R/C)	
UME	(NOTE 4)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ALL WEATHER FLIGHT EQUIPMENT (F/C)	(NOTE 5)
ANTI-ICE/PITOT HEAT	
ANY OF THE ABOVE IN R/C	(NOTE 6)
AOA INDICATOR AND INDEXER (R/C)	
CABIN ALTIMETER (F/C)	
INTERIOR LIGHTS (F/C)	
POSITION LIGHTS	
RADIO NAVIGATION (HSI AND BDHI)	

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION	
AIRFRAME	
DECELERATION EQUIPMENT	(NOTE 7)
ELECTRICAL SYSTEMS	
EMERGENCY EQUIPMENT	
EMERGENCY GENERATOR	
EMERGENCY RADIO	
EXPLOSIVE DEVICES	

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TA-4J (cont)

FLIGHT CONTROLS
FLIGHT REFERENCE
FUEL SYSTEMS (INCLUDING FUEL DUMP)
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEMS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 1)
LANDING GEAR SYSTEM
LIGHTING SYSTEM (1 ANTI-COLLISION LIGHT REQUIRED)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS
POWER PLANT INSTALLATION (NOTE 8)
UHF COMMUNICATION SYSTEMS
CONDITIONAL INSPECTION (NOTE 9)
ENGINE INSPECTION (NOTE 9)
SPECIAL INSPECTION (NOTE 9)
PHASE INSPECTION (NOTE 9)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 9)

NOTES:

1. BASIC FLIGHT INSTRUMENTS: AIRSPEED INDICATOR, BAROMETRIC ALTIMETER.
2. PROVISIONS ONLY; INSTALLATION REQUIRED ONLY TO PERFORM WEAPONS ASSOCIATED FLIGHTS.
3. Z-CODED ITEM FOR TRAINING COMMANDS ONLY.
4. UNIT MISSION EQUIPMENT: TARGET PRESENTATION SYSTEM, IN-FLIGHT REFUELING (DELIVERY).
5. ALL WEATHER FLIGHT EQUIPMENT: TACAN ARN-52, ATTITUDE DIRECTOR INDICATOR, STANDBY ATTITUDE INDICATOR, CLOCK (WITH SWEEP SECOND HAND), TURN-AND-SLIP INDICATOR, BDHI, MAGNETIC COMPASS (WITH CALIBRATION CARD), VERTICAL SPEED INDICATOR, PITOT HEAT.
6. R/C EQUIPMENT IF UNIT MISSION INDICATES FOR NONDESIGNATED OR NON-NATOPS QUALIFIED NAVAL AVIATOR IN F/C.
7. INCLUDES SPOILERS, SPEED BRAKES AND HOOK.
8. ENGINE PERFORMANCE INDICATORS: EGT, RPM, EPR, OIL PRESSURE, LOW OIL QUANTITY WARNING, FUEL FLOW, FIRE WARNING.
9. AS APPLICABLE PER REFERENCE (c).

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EA-4F

TYPE EQUIPMENT CODE: AACU

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AUTO FLIGHT CONTROL SYSTEM
NOSE WHEEL STEERING (FRONT COCKPIT (F/C) AND
REAR COCKPIT (R/C) REQUIRED)
STANDBY ATTITUDE INDICATOR (F/C AND R/C REQUIRED)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the active missile simulation mission. The aircraft is not capable of performing an anti-ship missile simulation with the radiation of simulated threat signal or dispensing chaff as required. The aircraft is PMC, M or S.

AERO-7A EJECTOR RACK (STATIONS 1 AND 5)
AERO-20 EJECTOR RACK (STATION 3)
RADAR ALTIMETER (AN/APN-141) (F/C AND R/C REQUIRED)
SIMULATOR SYSTEM WIRING (NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV with full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF or in-flight refueling. The aircraft is PMC, M or S.

AERO-7A EJECTOR RACK (STATIONS 2 AND 4)
ANGLE-OF-ATTACK (F/C AND R/C REQUIRED)
ARMAMENT SYSTEM
CAUTION LIGHT PANEL (NOTE 2)
EMERGENCY EGRESS SYSTEM (F/C AND R/C REQUIRED)
FLIGHT INSTRUMENTS (F/C AND R/C REQUIRED) (NOTE 3)
FUEL SYSTEM (TRANSFER, INDICATION, DUMP) (F/C
AND R/C REQUIRED)
ICS
IN-FLIGHT REFUELING
INTERIOR LIGHTING (F/C AND R/C REQUIRED)
NAVIGATION COMPUTER (AN/ASN-41)
OXYGEN SYSTEM F/C AND R/C REQUIRED)
RADAR (FDR-110)
RADAR NAVIGATION (AN/APN-153)

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EA-4F (cont)

SECURE IFF (KIT 1A)/SIF (MODE 4)	(NOTE 4)
SECURE UHF (KY-28)	(NOTE 4)
SURVIVAL EQUIPMENT	
TACAN (AN/ARN-52) (F/C AND R/C REQUIRED)	
UHF SYSTEM (TX, ADF, AUX) (F/C AND R/C REQUIRED)	

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANGLE-OF-ATTACK (F/C REQUIRED)
 ANTI-ICING SYSTEM (ENGINE AND PITOT/STATIC)
 ATTITUDE GYRO (AN/AJB-3) (R/C REQUIRED)
 EXTERIOR LIGHTS
 IFF/SIF (AN/APX-64) (MINUS MODE 4)
 INTERIOR LIGHTS (F/C REQUIRED)
 NOSE WHEEL STEERING (F/C REQUIRED)
 RADAR ALTIMETER (AN/APN-141) (F/C REQUIRED)
 RAIN REMOVAL SYSTEM
 SPOILERS
 STANDBY ATTITUDE INDICATOR (F/C REQUIRED)
 TACAN (AN/ARN-52) (F/C REQUIRED)
 UHF ADF (AN/ARA-50) (F/C REQUIRED)
 UHF AUXILIARY PX (AN/ARR-69) (F/C REQUIRED)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
 AIRFRAME
 BOMBING NAVIGATION (AJB-3A) (F/C REQUIRED)
 DECELERATION EQUIPMENT/DROGUE PARACHUTE
 ELECTRICAL SYSTEMS
 ENGINES
 EMERGENCY EQUIPMENT (F/C REQUIRED)
 EMERGENCY RADIO (F/C REQUIRED)
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS
 FLIGHT REFERENCE (ANGLE-OF-ATTACK)

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EA-4F (cont)

FUEL SYSTEM
 FUSELAGE COMPARTMENTS (F/C REQUIRED)
 HYDRAULIC SYSTEM
 ICS
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTES 2,3)
 INTEGRATED GUIDANCE AND FLIGHT CONTROL
 LANDING GEAR
 LIGHT SYSTEMS (ANTI-COLLISION LIGHTS)
 MISCELLANEOUS UTILITIES
 POWER PLANT INSTALLATION
 RADIO NAVIGATION (HSI AND BDHI)
 UHF COMMUNICATION (F/C REQUIRED)
 CONDITIONAL INSPECTION (NOTE 5)
 ENGINE INSPECTION (NOTE 5)
 SPECIAL INSPECTION (NOTE 5)
 PHASE INSPECTION (NOTE 5)
 TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. SIMULATOR SYSTEM WIRING INCLUDES ALL WIRING AND POWER DISTRIBUTION ON BOARD AIRCRAFT REQUIRED TO PERFORM ASSIGNED SIMULATOR MISSION.
2. CAUTION LIGHT PANEL INCLUDES LADDER AND GLARE SHIELD WARNING LIGHTS.
3. REQUIRED FRONT COCKPIT FLIGHT INSTRUMENTS: AIRSPEED INDICATOR, ALTIMETER, TURN-AND-BANK INDICATOR, CLOCK WITH SWEEP SECOND HAND, MAGNETIC (WET) COMPASS, GYRO-STABILIZED COMPASS, VERTICAL SPEED INDICATOR.
4. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
5. AS APPLICABLE PER REFERENCE (c).

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OA-4M

TYPE EQUIPMENT CODE: AAC1

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACL (ARA-63)	(NOTE 1)
AFCS (ALL MODES)	
ARMOR PLATE	
BEACON (APN-154)	
IFR (TANKER)	(NOTE 1)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the air defense/guided weapons delivery mission. The aircraft is not capable of performing air defense operations within the capability of the aircraft, or conducting Anti-radiation Missile (ARM) support missions for anti-air defense suppression. The aircraft is PMC, M or S.

AERO-14	(NOTE 1)
AIRCRAFT WEAPONS RELEASE SYSTEM	
LOW ALTITUDE BOMBING SYSTEM	
SHRIKE/WALLEYE	(NOTE 1)
SIDEWINDER	(NOTE 1)
WEAPONS RELEASE COMPUTER	

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the conventional weapons delivery mission. The aircraft is not capable of delivering conventional weapons against surface targets, armed reconnaissance and interdiction, armed escort in support of helicopter operations or supporting air-support radar teams. The aircraft is PMC, M or S.

ELECTRONIC FUZING	(NOTE 1)
MK-4/GPU-2/2A	(NOTE 1)
MK-12	(NOTE 1)
OMEGA NAVIGATION SYSTEM	
ORDNANCE CARRIAGE/RELEASE SYSTEM	

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the advance FAC(A)/TAC(A) mission. The aircraft is not capable of coordinating/controlling supporting arms in a high threat AAW/EW environment, using

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OA-4M(cont)

encrypted UHF and VHF (FM) communications or using active/passive ECM. The aircraft is PMC, M or S.

DECM (ALQ-126)	(NOTE 1)
DECM (ALQ-126/ALE-39)	
RWR ALR-45D/F/50	(NOTE 1)
SECURE VOICE UHF/FM	(NOTE 1)
TACAN (AIR-TO-AIR)	
UHF (1 REQUIRED)	

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic FAC(A)/TAC(A) mission. The aircraft is not capable of two-way FM air-to-ground communication or coordinating/controlling supporting arms in a low threat AAW environment. The aircraft is PMC, M or S.

FM	
GUNSIGHT	
INSTRUMENT LIGHTS (R/C)	
UHF (R/C CONTROL)	(NOTE 2)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off the Short Airfield for Tactical Support (SATS) field with full aircrew during day, night and inclement weather conditions using encrypted UHF voice communication and IFF or in-flight refueling. The aircraft is PMC, M or S.

APPROACH LIGHTS
CATAPULT SYSTEM
EXTERNAL FUEL STORE CAPABILITY (STATIONS 2 AND 4/
STATION 3 REQUIRED)
IFR (RECEIVE)
MODE 4 (KIT-1A)
RADAR ALTIMETER (APN-194)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AUXILIARY RECEIVER	(NOTE 1)
COCKPIT LIGHTING SYSTEM (F/C)	

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OA-4M (cont)

ENGINE ANTI-ICE
EXTERIOR LIGHTS
IFF
IMC INSTRUMENTS (F/C)
PITOT HEAT
TACAN (LESS AIR-TO-AIR)

(NOTE 3)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations and VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME

BASIC FLIGHT INSTRUMENTS (F/C)
BOMBING NAVIGATION (AJB-3A)
DECELERATION EQUIPMENT/DROGUE PARACHUTE
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES

(NOTE 4)

ENGINE INSTRUMENTS (F/C)
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE (ANGLE-OF-ATTACK)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC SYSTEM

(NOTE 5)

ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
INTEGRATED GUIDANCE AND FLIGHT CONTROL
LANDING GEAR
LIGHT SYSTEMS (1 ANTI-COLLISION LIGHT REQUIRED)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS

(NOTE 4)

POWER PLANT INSTALLATION
RADIO NAVIGATION (HSI AND BDHI)
UHF (BOTH INOP)

(NOTE 5)

UHF COMMUNICATION SYSTEMS
CONDITIONAL INSPECTION
ENGINE INSPECTION
SPECIAL INSPECTION
PHASE INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 6)

(NOTE 6)

(NOTE 6)

(NOTE 6)

(NOTE 6)

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OA-4M (cont)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. NOT NEEDED WITH QUALIFIED FAC(A)/TAC(A) IN FRONT SEAT.
3. IMC FLIGHT INSTRUMENTS: CLOCK WITH SWEEP SECOND HAND, STANDBY GYRO, STANDBY COMPASS, TURN-AND-SLIP INDICATOR.
4. BASIC FLIGHT INSTRUMENTS: AIRSPEED INDICATOR, PRESSURE ALTIMETER, VSI.
5. ENGINE INSTRUMENTS: EGI, RPM, EPR, FUEL FLOW, OIL PRESSURE.
6. AS APPLICABLE PER REFERENCE (c).

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EA-6A
TYPE EQUIPMENT CODE: AAEB

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

APPROACH POWER COMPENSATOR (ASN-54)
BDHI (ID663C/U) (RECAP ACFT ONLY)
GUIDED MISSILE LAUNCHER (AERO 5A1) (NOTE 1)
HF RADIO (ARC-199)
INTEGRATED FLIGHT/GUIDANCE (AFCS AUTO MODE)
JAMMER LOOK THROUGH (JLT) MODE (ALQ-86)
RADAR NAVIGATION (APN-154 RADAR BEACON)
RADIO NAVIGATION (ARR-50 AUX UHF/ADF)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the expanded ESM systems mission. The aircraft is not capable of surveilling, detecting, classifying, locating and recording electronic signals or using passive receivers to include analog and digital data for mission analysis by TERPES. The aircraft is PMC, M or S.

ESM ALQ-86 CM SET OU-70 (CENTER LINE (C/L) STORE) (NOTE 1)
SIGNAL DATA RECORDER/REPRODUCER (ALH-6) (NOTE 1)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the expanded ECM mission. The aircraft is not capable of conducting active ECM from one or more pod-mounted mechanical ECM systems. The aircraft is PMC, M or S.

CHAFF DISPENSING SET (ALE-32/41) (NOTE 1)
LORAN C R21

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the ECM mission. The aircraft is not capable of conducting offensive missions or active ECM using one or more pod-mounted offensive ECM systems. The aircraft is PMC, M or S.

AUXILIARY BOX (ASA-51) (NON-RECAP ACFT ONLY)
ALQ-76 ANTENNA STEERING (NOTE 1)
ALQ-76 COUNTERMEASURES SET (NOTES 1,2)
BDHI (ID-663U) (NON-RECAP ACFT ONLY)

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EA-6A (cont)

BOMBING NAVIGATION
 CM SIMULATOR (ALQ-167) (NOTE 3)
 POD STATION WIRING (ALQ-76) (NON-RECAP ACFT ONLY)
 RADAR SIMULATOR (AN/ALQ-170) (NOTE 3)
 SIMULATOR TRANSMITTER POD (AST-4) (NOTE 3)
 WEAPONS CONTROL
 WEAPON DELIVERY

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic ESM system mission. The aircraft is not capable of manually surveilling, detecting, classifying or locating electronic signals within the capabilities of the basic onboard passive receiver system. The aircraft is PMC, M or S.

CHAFF DISPENSING SET (ALE-29/39) (NOTE 1)
 DECM (ALQ-126) (NOTE 1)
 DOPPLER RADAR NAVIGATION SET (APN-153/200)
 ESM (ALQ-86) (CM SET)
 EXTERNAL FUEL CELLS
 NAVIGATION COMPUTER SET (ASN-66) (NOTE 1)
 PASSIVE ECM (ALR-45/50) (RECAP ACFT ONLY) (NOTE 1)
 RADAR NAVIGATION (APN-231) (RECAP ACFT ONLY)
 RADAR WARNING SET (APR-27) (NON-RECAP ACFT ONLY) (NOTE 1)
 SEARCH RADAR (APQ-103) (NON-RECAP ACFT ONLY)
 UHF COMMUNICATIONS (ARC-159) (1 REQUIRED)
 WEATHER RADAR (APS-133) (RECAP ACFT ONLY)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV with full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF or in-flight refueling. The aircraft is PMC, M or S.

ACLS (MODE 2) (ASW-25)
 CATAPULT AND ARRESTING GEAR SYSTEMS
 EJECTOR RACKS (AERO-7 A/B)
 IFF/KIT-1A SYSTEM (MODE 4) (NOTE 1)
 IN-FLIGHT REFUELING SYSTEM
 RECEIVER DECODING GROUP (ILS) (ARA-63)
 SECURE VOICE (KY-28/58) (NOTE 1)
 SELECT STORES JETTISON SYSTEM
 WING FOLD

Assign alpha character (L) of the EOC code when the following

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EA-6A (cont)

system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AFCS (STAB AUG ONLY) (INTEGRATED FLIGHT/GUIDANCE CONTROL)
 ANTI-SKID
 ASA-51 ESSENTIAL BOX (NOTE 3)
 ATTITUDE HEADING REFERENCE SYSTEM (ASN-50) (RECAP ACFT ONLY) (NOTE 4)
 ENGINE ANTI-ICE
 FLIGHT REFERENCE (AIR DATA COMPUTER)
 IFF (MODES 1,2,3,C)
 IMC INSTRUMENTS (NOTE 5)
 LIGHTING SYSTEM (EXTERIOR AND INTERIOR)
 PITOT HEAT
 RADAR ALTIMETER (APN-194)
 RAIN REMOVAL SYSTEM
 TACAN NAVIGATION (ARN-84)
 VERTICAL DISPLAY INDICATOR (AVA-1) (NON-RECAP ACFT ONLY)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION (LESS ICE CONTROL AND RAIN REMOVAL)
 AIRFRAME
 APN-200 REMOVED (RECAP ACFT ONLY)
 ATTITUDE DIRECTION INDICATOR (ID1329A) (RECAP ACFT ONLY)
 AZIMUTH INDICATOR (IP-957/APR-36) (V) (RECAP ACFT ONLY)
 CNI INTEGRATED PACKAGE
 ELECTRICAL SYSTEMS
 EMERGENCY EQUIPMENT
 EMERGENCY RADIO
 ENGINES
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS
 FLIGHT REFERENCE
 FUEL SYSTEM
 FUSELAGE COMPARTMENTS

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EA-6A (cont)

GYRO SYSTEM (AN/AJB-3A) (NON-RECAP ACFT ONLY)
 HYDRAULIC/PNEUMATIC SYSTEMS
 ICS
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
 INTEGRATED GUIDANCE AND FLIGHT CONTROLS
 LANDING GEAR
 LIGHTING SYSTEMS
 MISCELLANEOUS UTILITIES
 OXYGEN SYSTEMS
 POWER PLANT INSTALLATION
 RADAR NAVIGATION (APN-231) (RECAP ACFT ONLY)
 RADIO NAVIGATION
 SDCS FOR APN-231 (RECAP ACFT ONLY)
 UHF COMMUNICATION SYSTEMS
 CONDITIONAL INSPECTION (NOTE 6)
 ENGINE INSPECTION (NOTE 6)
 SPECIAL INSPECTION (NOTE 6)
 PHASE INSPECTION (NOTE 6)
 TECHNICAL DIRECTIVE COMPLIANCE (NOTE 6)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. POD REQUIREMENTS DEPEND ON AIRCRAFT MISSION ASSIGNMENT AND EW TACTICAL DOCTRINE. SPECIFIC POD REQUIREMENTS MAY BE DESIGNATED BY SQUADRON/AIR WING DIRECTIVES.
3. FEWSG PECULIAR MISSION SYSTEMS.
4. SECONDARY ATTITUDE REFERENCE GROUP ADI MAY BE USED IF THE ASN-50 AHRS FAILS.
5. ICM INSTRUMENTS INCLUDE THE VSI, TURN-AND-SLIP INDICATOR, HSI, CLOCK (PILOT), PRESSURE ALTIMETER.
6. AS APPLICABLE PER REFERENCE (c).

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EA-6B
TYPE EQUIPMENT CODE: AAED

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AFCS (AUTO MODE)
APC (ASN-54) (NOTE 1)
AUXILIARY UHF/ADF (ARA-50)
BIT CONTROL PANEL/FUNCTIONS (ALQ-99)
CCM
DECM (ALQ-126)
HF RADIO (ARC-105)
RADAR BEACON (APN-154)
TJX SPOT MONITOR (ALQ-99)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the mission of combat ECM support mission. The aircraft is not capable of providing all weather defense suppression for single or multiple shallow or deep strike bombing/reconnaissance/close air support missions against defended land targets, providing direct battlefield ECM support for ground forces, providing all weather anti-surface unit defense suppression for single or multiple aircraft bombing/reconnaissance missions against an enemy task force, deck launch from a 5 or 15 minute alert anti-air warfare posture to provide battle group defense against enemy anti-ship missile systems. The aircraft is PMC, M or S.

BDHI (1 REQUIRED) (NOTE 2)
DDI/DDIC (1 REQUIRED)
ICS (R/C 1 REQUIRED)
OXYGEN SYSTEM (R/C 1 REQUIRED)
PRE-EMPTIVE JAMMING CAPABILITY (NOTE 3)
RECEIVER CONTROL PANEL (1 REQUIRED) (NOTE 2)
RECEIVER MONITOR (ALQ-99) (1 REQUIRED) (NOTE 2)
SAFETY AND SURVIVAL EQUIPMENT (R/C 1 REQUIRED)
VIDEO DISPLAY (1 REQUIRED) (NOTE 2)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the mission of fleet ECM training. The aircraft is not capable of providing required small scale fleet ECM training and data collection. The aircraft is PMC, M or S.

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EA-6B (cont)

JAMMER POD CONTROL BOX/FUNCTIONS (NOTES 2,4)
 POD STATION WIRING (ALQ-99) (ANY POD STATION)
 TJS POD(S) (NOTES 1,5)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the Surface Surveillance Coordination (SSC)/threat warning/data collection. The aircraft is not capable of overt and covert multi-sensor day/night location and classification, and selective identification of surface emitters/platforms both independently and in coordination with other friendly units, providing tactical EW support and target location data to the tactical commander. The aircraft is PMC, M or S.

A/D CONVERTER
 BDHI (BOTH OPERATIVE)
 CHAFF SYSTEM (ALQ-29/39/41) (NOTE 1)
 CIU
 DDI/DDIC (BOTH)
 DISPLAY J BOX A AND B
 DOPPLER/INS (APN-153/ASN-103)
 ENCODER
 EXTERNAL FUEL TRANS (NOTE 1)
 KY-28 (NOTE 1)
 MASTER CONTROL PANEL
 MOD IV IFF/KIT 1A (NOTE 1)
 NAVIGATION/ECM COMPUTER (AYA-6/AYK-14)
 ON BOARD PROGRAM LOADER (UYH-4)
 POWER SUPPLY (FORWARD OR AFT)
 SEARCH RADAR SYSTEM
 RECEIVER CONTROL PANELS (BOTH OPERATIVE)
 RECEIVER DRIVE UNIT
 RECEIVER MONITOR PANELS (BOTH OPERATIVE)
 RECEIVER SYSTEMS (ALQ-99)
 RECORDER (ASH-30) (NOTE 1)
 SDC
 VIDEO DISPLAYS (BOTH OPERATIVE)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the mission of expanded mobility. The aircraft is not capable of safe movement on or off a CV with full aircrew during day, night and inclement weather conditions, employing encrypted UHF voice communication and IFF or VHF communication or in-flight refueling. The aircraft is PMC, M or S.

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EA-6B (cont)

ACLS (ASW-25 MODE III)
CATAPULT SYSTEM
EJECTOR RACKS (AERO 7A/7B)
ILS (ARA-63)
IN-FLIGHT REFUELING SYSTEM
SELECTIVE STORES JETTISON
VHF COMMUNICATION
WING FOLD

(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AFC (STAB AUG ONLY/ANC)
ATTITUDE HEADING REFERENCE SYSTEM/ADC (ASN-50)
ENGINE ANTI-ICE
IFF (MODES 1,2,3,C)
IMC FLIGHT INSTRUMENTS
INTERNAL/EXTERNAL LIGHTING
PITOT HEAT
RADAR ALTIMETER (APN-194)
RAIN REMOVAL SYSTEM
TACAN
VID/ATTITUDE INDICATOR (AJB-3A)

(NOTE 6)

(NOTE 7)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING SYSTEMS
AIRFRAME
ARRESTING GEAR SYSTEM
BASIC FLIGHT INSTRUMENTS
BRAKES/AUXILIARY BRAKES/ANTI-SKID SYSTEM
CANOPY OPERATION SYSTEM
COCKPIT PRESSURIZATION
CAUTION/ADVISORY LIGHTS AND PANELS
EJECTION SEATS/ESCAPE SYSTEM
ELECTRICAL SYSTEMS
EMERGENCY ELECTRICAL SYSTEM

(NOTE 8)

(NOTE 9)

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EA-6B (cont)

EMERGENCY LANDING GEAR SYSTEM
EMERGENCY STORES JETTISON
ENGINES
ENGINE INSTRUMENTS
ENVIRONMENTAL CONTROL SYSTEM
FIRE DETECTION SYSTEM
FLAP/SLAT CONTROLS
FLIGHT CONTROLS
FUEL DUMP SYSTEM
FUEL QUANTITY SYSTEM
FUEL SUPPLY SYSTEM
HYDRAULIC/PNEUMATIC SYSTEMS
ICS (NOTE 9)
LANDING GEAR AND CONTROLS
NOSE WHEEL STEERING
OXYGEN SYSTEM (NOTE 9)
POWER PLANT INSTALLATION
SAFETY AND SURVIVAL EQUIPMENT (NOTE 9)
SPEED BRAKES
UHF COMMUNICATION (1 REQUIRED)
CONDITIONAL INSPECTION (NOTE 10)
ENGINE INSPECTION (NOTE 10)
SPECIAL INSPECTION (NOTE 10)
PHASE INSPECTION (NOTE 10)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 10)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. INDICATED SUBSYSTEM IS REQUIRED IN LEFT OR RIGHT TJS POSITIONS, BUT ALL THE INDICATED EQUIPMENTS MUST BE OPERABLE FROM THE SAME SIDE.
3. CAPABILITY TO IMPLEMENT COMPUTER ASSISTED PRE-EMPTIVE JAMMING IN ALL TJS MODES AND REQUIRED BANDS.
4. POD CONTROL BOX REQUIRED FOR PODS MOUNTED ON APPLICABLE STATIONS.
5. POD REQUIREMENTS DEPEND ON AIRCRAFT MISSION ASSIGNMENT AND EW TACTICAL DOCTRINE. SPECIFIC POD REQUIREMENTS MAY BE SPECIFIED BY SQUADRON/AIR WING DIRECTIVES.
6. SHOULD ASN-50 ATTITUDE HEADING REFERENCE BE INOPERATIVE, THE SECONDARY ATTITUDE REFERENCE GROUP ARI MAY BE SUBSTITUTED.

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EA-6B (cont)

7. VSI, TURN-AND-SLIP INDICATOR, HSI, PILOT CLOCK, AND PRESSURE ALTIMETER RESET MODE.
8. AIRSPEED INDICATOR, PRESSURE ALTIMETER (STANDBY MODE), STANDBY COMPASS, ANGLE-OF-ATTACK, STALL WARNING, MA-1 COMPASS.
9. SYSTEM MUST BE OPERABLE FOR BOTH FRONT COCKPIT SEATS AND AT LEAST ONE REAR SEAT POSITION FOR SAFE FLIGHT.
10. AS APPLICABLE PER REFERENCE (c).

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KA-6D

TYPE EQUIPMENT CODE: AAEF

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF (ARA-50)
 APPROACH POWER COMPENSATOR (ASN-54)
 COUNTING ACCELEROMETER
 DIGITAL DATA COMMUNICATION SET (ASW-25 DATA LINK)
 FUSELAGE COMPARTMENT FURNISHINGS (WUC 12000)
 INTEGRATED GUIDANCE AND FLIGHT CONTROL
 (AFCS-AUTO MODE)
 OAT INDICATOR
 RADAR BEACON SET (APN-154)
 RECEIVING DECODING GROUP (ARA-63 ILS RECEIVER)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the strike support mission. The aircraft is not capable of support combat carrier airwing operations. The aircraft is PMC, M or S.

AERO 7A/B RACKS
 BACK-UP HYDRAULIC SYSTEM
 ECM (NOTE 1)
 EMERGENCY STORES JETTISON SYSTEM (NOTE 1)
 ENCODER (KY-28) (1 REQUIRED)
 EXTERNAL FUEL TANKS (NOTE 1)
 HOSE REEL INSTALLATION (TANKER PACKAGE) (NOTE 2)
 OMEGA SYSTEM (LTN-211)
 SELECT STORES JETTISON SYSTEM
 TACAN (AIR-TO-AIR ONLY)
 UHF COMMUNICATION (ARC-159) (1 REQUIRED)
 VHF COMMUNICATION

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV with full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF or in-flight refueling. The aircraft is PMC, M or S.

AIR REFUELING (RECEIVE)
 CATAPULT SYSTEM
 ENCODER (KY-28) (BOTH INOPERATIVE) (NOTE 1)

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KA-6D (cont)

IFF (KIT-1A)
WINDSHIELD WASH SYSTEM
WING FOLD SYSTEM
WING FUEL CELLS

(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communications, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIR DATA COMPUTER SET (IFF MODE C OPERATIONAL)
ELECTRONIC ALTIMETER (APN-194)
IFF/SIF (LESS KIT 1A)
LIGHTING SYSTEM (EXTERIOR AND INTERIOR)
(LESS ANTI-COLLISION LIGHTS)
PRESSURIZATION/ICE CONTROL (LESS
WINDSHIELD WASH)
RAIN REMOVAL SYSTEM
STANDARD RELATED (WUC 51R20)/ASSOCIATED
INSTRUMENTS (WUC 51X10) (INCLUDES PILOT
CLOCK, AAU-19 RESET MODE)
TACAN (ARN-84) (LESS AIR-TO-AIR)
VERTICAL DISPLAY INDICATOR
VGI (REMOTE AND ID-1791) (1 REQUIRED)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

ANTI-COLLISION LIGHTS
AIR CONDITIONING
AIRFRAME (LESS WING FOLD SYSTEM)
CAUTION/ADVISORY LIGHTS AND PANELS
ELECTRICAL SYSTEMS (LESS NON-ESSENTIAL AVIONICS) (NOTE 3)
EMERGENCY EQUIPMENT (LESS MEDICAL EQUIPMENT)
EMERGENCY POWER PACKAGE (RAT)
EMERGENCY RADIO
ENGINES
FIRE WARNING DETECTION
FLIGHT CONTROLS
FLIGHT REFERENCE SYSTEM (LESS ADC AND REMOTE GYRO)

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KA-6D (cont)

FUEL SYSTEM (INCLUDES FUEL SUPPLY/DUMP/
QUANTITY INDICATOR) (NOTE 4)
FUSELAGE COMPARTMENTS (LESS FURNISHINGS)
HYDRAULIC/PNEUMATIC SYSTEM POWER (LESS BACKUP
HYDRAULIC SYSTEM)
ICS
EXPLOSIVE DEVICES
INTEGRATED GUIDANCE AND FLIGHT CONTROL (AFCS
STAB AUG)
LANDING GEAR AND CONTROLS (LESS CATAPULT SYSTEM
INCLUDING BRAKES, NOSE WHEEL STEERING, ANTI-
SKID SYSTEM AND ARRESTING GEAR)
OXYGEN SYSTEMS
POWER PLANT INSTALLATION (LESS ASN-54 APC)
STANDARD RELATED (WUC 51R10)/ASSOCIATED
INSTRUMENTS/AAU-19 (STANDBY MODE)/PITOT
STATIC INSTALL (LESS PILOT CLOCK, OAT
INDICATOR)
UHF COMMUNICATION SYSTEMS (ARC-159) (BOTH INOPERATIVE)
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
SPECIAL INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. SHOULD THE TANKER PACKAGE BE INOPERATIVE, AIR REFUELING STORE MAY BE SUBSTITUTED.
3. FOR SYSTEMS WITH ASSOCIATED WIRING WUCS ASSIGNED (428XX), EOC CODE PER PRIME SYSTEM, (E.G., FLIGHT CONTROL SYSTEM WIRING USE WUC 42870 VICE 14XXX AND EOC "Z").
4. LESS AIR REFUEL RECEIVE, AIR REFUELING STORES, WING FUEL CELLS AND EXTERNAL TANKS.
5. AS APPLICABLE PER REFERENCE (c).

1 JUL 1982

A-6E
TYPE EQUIPMENT CODE: AAEG

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF (ARA-50)
APPROACH POWER COMPENSATOR (ASN-54)
COUNTING ACCELEROMETER
DIGITAL DATA COMMUNICATION SET (ASW-25 DATA LINK)
DOPPLER RADAR NAVIGATION SET (APN-153)
FUSELAGE COMPARTMENT FURNISHINGS (WUC 12000)
INTEGRATED GUIDANCE AND FLIGHT CONTROL (AFCS-AUTO MODE)
OAT INDICATOR
RADAR BEACON (APN-154)
RECEIVING DECODING GROUP (ARA-63 ILS RECEIVER)
TACAN (AIR-TO-AIR)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the aircraft from operating in special mission environments not called out in the subordinate mission. The aircraft is PMC, M or S.

AIR REFUELING STORE (NOTES 1,2)
TARGET SYSTEMS
WEAPON CONTROL SYSTEM (AWG-21) (NOTE 2)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the all weather strike mission. The aircraft is not capable of conducting single aircraft war at sea, deep strike, and close support missions using all free fall, unguided weapons and delivery modes compatible with aircraft under all weather conditions. The aircraft is PMC, M or S.

AERO 7A/7B EJECTOR RACKS
BACK-UP HYDRAULIC SYSTEM
BOMBING NAVIGATION (BALLISTICS COMP SET, INS)
ELECTRONIC COUNTERMEASURES (NOTE 1)
ELECTRONIC COUNTERMEASURES (ALR-67) (NOTE 1,6,7)
EQUIPMENT PRESSURIZATION
EXTERNAL FUEL TANKS (NOTE 1)
FUEL SYSTEM FIRE SUPPRESSION (INERTING) (NOTE 6,7)
LEAD COMPUTING OPTICAL SIGHT
MISSION RECORDER SET (USH-17) (NOTE 1)
RADAR NAVIGATION RELATED/ASSOCIATED EQUIPMENT
SEARCH RADAR SET (INCLUDES TERRAIN CLNC AND AMTI)

A-6E (cont)

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UHF COMM (ARC-159) (1 REQUIRED)
 VERTICAL DISPLAY INDICATOR GROUP (AVA-1)
 WEAPONS CONTROL (LESS AWG-21) (NOTE 1)
 WEAPONS CONTROL (HARM CLC, AVIONICS INTERFACE
 UNIT, INTEGRATED MISSILE PANEL) (NOTE 6,7)
 WEAPONS DELIVERY (NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV with full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF, or in-flight refueling. The aircraft is PMC, M or S.

AIR REFUEL (RECEIVE)
 CATAPULT SYSTEM
 ENCODER (KY-28)
 FUEL CELLS/WING
 IFF (KIT 1A)
 WINDSHIELD WASH SYSTEM
 WING FOLD SYSTEM

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIR DATA COMPUTER SET (IFF MODE OPERATIONAL)
 ELECTRONIC ALTIMETER (APN-194)
 IFF/SIF (LESS KIT 1A)
 INERTIAL NAVIGATION SYSTEM (ASN-92) (LEVEL MODE)
 LIGHTING SYSTEM (EXTERIOR/INTERIOR) (LESS ANTI-COLLISION LIGHTS)
 PRESSURIZATION/ICE CONTROL (LESS WINDSHILD WASH, EQUIPMENT PRESSURIZATION)
 RAIN REMOVAL SYSTEM
 STANDARD RELATED (WUC 51R20)/ASSOCIATED INSTRUMENTS (WUC 51X10) (INCLUDES PILOT'S CLOCK, AAU-19 RESET MODE)
 TACAN (ARN-84) (LESS AIR-TO-AIR)
 VERTICAL DISPLAY INDICATOR (ATTITUDE REFERENCE)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight

A-6E (cont)

operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING	
AIRFRAME (LESS WINGFOLD SYSTEM)	
AIRFRAME (LESS WINGFOLD SYSTEM) COMPOSITE WING, REDESIGNED BULKHEADS	(NOTE 6)
ANTI-COLLISION LIGHTS	
CAUTION/ADVISORY LIGHTS AND PANELS	
ELECTRICAL SYSTEM (LESS NONESSENTIAL AVIONICS AND WEAPON DELIVERY ITEMS)	(NOTE 3)
EMERGENCY EQUIPMENT (LESS MEDICAL EQUIPMENT)	
EMERGENCY RADIO	
EMERGENCY POWER PACKAGE (RAT)	
ENGINES	
EXPLOSIVE DEVICES	
FIRE WARNING/DETECTION	
FLIGHT CONTROLS	
FLIGHT REFERENCE (LESS ADC)	
FUEL SYSTEM (INCLUDES FUEL SUPPLY/DUMP/QUANTITY INDICATOR)	(NOTE 4)
FUSELAGE COMPARTMENTS (LESS FURNISHINGS)	
HYDRAULIC/PNEUMATIC POWER (LESS BACK-UP HYDRAULIC SYSTEM)	
ICS	
INTEGRATED GUIDANCE SYSTEMS (ARC-159) (BOTH INOPERATIVE)	
LANDING GEAR AND CONTROLS (LESS CATAPULT SYSTEM) (INCLUDING BRAKES, NOSE WHEEL STEERING, ANTI- SKID SYSTEM AND ARRESTING GEAR)	
OXYGEN SYSTEMS	
POWER PLANT INSTALLATION (LESS ASN-54 APC)	
STANDARD RELATED (WUC 51R10) INSTRUMENTS/AAU-19 (STANDBY MODE)/PITOT STATIC INSTALL (LESS PILOT'S CLOCK, OAT INDICATOR)	
CONDITIONAL INSPECTION	(NOTE 5)
ENGINE INSPECTION	(NOTE 5)
SPECIAL INSPECTION	(NOTE 5)
PHASE INSPECTION	(NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 5)

A-6E (cont)

2. APPLICABLE IN SPECIFICALLY CONFIGURED AIRCRAFT ONLY.
3. FOR SYSTEMS WITH ASSOCIATED WIRING WUCS ASSIGNED (428XX), EOC CODE PER PRIME SYSTEM, (E.G., FLIGHT CONTROL SYSTEM WIRING USE WUC 42870 VICE 14000 AND EOC CODE OF "Z").
4. LESS AIR REFUEL RECEIVE, AIR REFUELING STORE, WING FUEL CELLS AND EXTERNAL TANKS.
5. AS APPLICABLE PER REFERENCE (c).
6. APPLICABLE TO A-6E SWIP AIRCRAFT COMPOSITE WING.
7. APPLICABLE TO A-6E SWIP AIRCRAFT METAL WING.

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A-6E (cont)

2. APPLICABLE IN SPECIFICALLY CONFIGURED AIRCRAFT ONLY.
3. FOR SYSTEMS WITH ASSOCIATED WIRING WUCS ASSIGNED (428XX), EOC CODE PER PRIME SYSTEM, (E.G., FLIGHT CONTROL SYSTEM WIRING USE WUC 42870 VICE 14000 AND EOC CODE OF "Z").
4. LESS AIR REFUEL RECEIVE, AIR REFUELING STORE, WING FUEL CELLS AND EXTERNAL TANKS.
5. AS APPLICABLE PER REFERENCE (c).

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A-7B

TYPE EQUIPMENT CODE: AAFB

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

APC (ASN-54)
AUXILIARY UHF (ARR-69/ARC-159)
DATA LINK (ASW-25)
ELECTRIC FUZING (AWW-2/4) (NOTE 1)
PRECISION APPROACH REC (ARA-63)
RADAR BEACON (APN-154)
RADAR-TF (APQ-116)
RAIN REMOVAL SYSTEM
ROLLER MAP (ASN-67)
SIDS (NOTE 1)
TAXI LIGHT

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the strike mission. The aircraft is not capable of single aircraft deep strike or war at sea missions using all weapons and delivery modes compatible with the aircraft, regardless of the terrain, weather or enemy defenses. The aircraft is PMC, M or S.

AMAC (NOTE 1)
BOMBING NAVIGATION
BRU-10 (INSTALLED STATIONS 3 AND 6)
DOPPLER (APN-153)
NAVIGATION COMPUTER (ASN-41)
RADAR AGR/TA (APN-116)
WALLEYE (NOTE 1)
WEAPON CONTROL

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the strike support mission. The aircraft is not capable of ocean surveillance. The aircraft is PMC, M or S.

AFCS (ALT HDG NAV) (ASW-26)
RADAR GMS/GMP (APQ-116)
RADAR NAVIGATION

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the visual attack mission.

A-7B (cont)

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The aircraft is not capable under VMC of using systems deliveries, conducting ARM support missions, conducting close air support for friendly forces under FAC control, conducting special warfare tanking, using photo and aircraft peculiar weapons or conducting fleet support for AAW and other exercises. The aircraft is PMC, M or S.

AWEL AUTOMATIC WEAPON RELEASE

BRU-10 (INSTALLED STATIONS 1 AND 8)

BRU-10 (INSTALLED STATION 2 OR 7)

CAMERA (KB-18)

(NOTE 1)

CHAFF (ALE-29/39)

(NOTE 1)

CP-741

DECM (ALQ-100/126)

(NOTE 1)

EXTERNAL FUEL SYSTEM

(NOTE 1)

GUNSIGHT

HARM (AGM-88)

(NOTE 1)

IFR (DELIVERY)

(NOTE 1)

MK-12 GUN

PECM (ALR-45/50)

(NOTE 1)

SHRIKE

(NOTE 1)

SIDEWINDER 4 OR 5

(NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF or in-flight refueling. The aircraft is PMC, M or S.

APPROACH LIGHTS

AR PROBE

ENCODER (KY-28)

(NOTE 1)

IN-FLIGHT REFUEL (RECEIVE)

LAUNCH BAR

SECURE IFF (KIT 1A)

(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AFCS (CONT AUG) (ASW-26)

ANGLE-OF-ATTACK

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A-7B (cont)

ASN-50
ATTITUDE DIRECTION INDICATOR
CLOCK
EXTERNAL LIGHTS/INSTRUMENT LIGHTS
HSI
IFF/SIF (APX-64)
ORDNANCE CARRIAGE AND RELEASE SYSTEM (J-BOX)
PITOT HEAT
RADAR ALTIMETER (APN-194/141)
STANDBY GYRO
TACAN (ARN-84/52)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
BOMBING NAVIGATION
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE (ADC CP-828)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
INTEGRATED GUIDANCE AND FLIGHT CONTROL (YAW
STABILIZATION)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS
POWER PLANT INSTALLATION
RADIO NAVIGATION (ARA-50)
RADAR NAVIGATION
UHF COMMUNICATION SYSTEMS
WEAPON CONTROL
WEAPON DELIVERY

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A-7B (cont)

CONDITIONAL INSPECTION	(NOTE 2)
ENGINE INSPECTION	(NOTE 2)
SPECIAL INSPECTION	(NOTE 2)
PHASE INSPECTION	(NOTE 2)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 2)

NOTE:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. AS APPLICABLE PER REFERENCE (c).

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A-7C/A-7E/TA-7C
TYPE EQUIPMENT CODES AAFC/AAFF/AAFL

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF
AFCS (ALT HDG NAV)
ANTI-SKID
APC (ASN-54)
AUXILIARY UHF (ARR-69/ARC-159)
PARA BRAKE (TA-7C ONLY) (NOTE 1)
PRECISION APPROACH RECEIVER (ARA-63)
RADAR BEACON (APN-154)
RADAR TF/TA (APQ-126)
RAIN REMOVAL SYSTEM
SIDS (NOTE 1)
TAXI LIGHT

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the strike mission. The aircraft is not capable of single aircraft deep strike or war at sea missions using all weapons and delivery modes compatible with the aircraft, regardless of terrain, weather or enemy defenses. The aircraft is PMC, M or S.

AMAC (NOTE 1)
BOMBING NAVIGATION
BRU-10 (INSTALLED STATIONS 3 AND 6)
PMDS (ASN-99)
RADAR AGR/TA (APQ-126)
WALLEYE (NOTE 1)
WEAPON CONTROL

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the strike support mission. The aircraft is not capable of ocean surveillance. The aircraft is PMC, M or S.

FLIR (NOTE 1)
RADAR GMS/GMP (APQ-126)
RADAR NAVIGATION

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the visual attack mission.

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A-7C/A-7E/TA-7C (cont)

The aircraft is not capable under VMC of using systems deliveries, conducting ARM support mission, conducting close air support for friendly forces under FAC control, conducting special warfare tanking, using photo and aircraft peculiar weapons of conducting fleet support of AAW and other exercises. The aircraft is PMC, M or S.

ADC (CP-953)	
ARMAMENT RELEASE PANEL	
ASCU	
AUTOMATIC MANEUVERING FLAPS	(NOTE 1)
BRU-10 (INSTALLED STATIONS 1 AND 8)	
BRU-10 (INSTALLED STATIONS 2 AND 7)	
CAMERA (KB018)	(NOTE 1)
CHAFF (ALE-29/39)	(NOTE 1)
DECM (ALQ-126)	(NOTE 1)
ELECTRIC FUZING (AWW 2/4)	
HARM (AGM-88)	
HUD (AVQ-7)/STANDBY RETICLE	
IFR (DELIVERY)	(NOTE 1)
M61-A1 GUN	
PYLONS	(NOTE 1)
RWR (ALR-45D/F/50/APR-43)	(NOTE 1)
SHRIKE (AGM-45)	(NOTE 1)
SIDEWINDER (STA 4 OR 5)	(NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV with full aircrew during day, night and inclement weather conditions, using encrypted UHF voice communication and IFF or of in-flight refueling. The aircraft is PMC, M or S.

AIR REFUELING PROBE	
APPROACH LIGHTS	
DATA LINK (ASW-25)	
DOPPLER (APN-190)	
EXTERNAL FUEL SYSTEM	(NOTE 1)
FUEL DUMP (WING)	
LAUNCH BAR	
SECURE IFF (KIT-1A)	(NOTE 1)
SECURE UHF (KY-28)	(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight

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A-7C/A-7E/TA-7C (cont)

operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

- AFCS (CONTROL AUG) (ASW-26/30(V))
- ANGLE-OF-ATTACK
- CLOCK
- EXTERNAL LIGHTS
- HSI
- IFF/SIF (APX-72)
- INS (ASN-90)
- INSTRUMENT LIGHTS
- PITOT HEAT
- RADAR ALTIMETER (APN-194/141)
- STANDBY GYRO
- TACAN (ARN-84/52)
- TACTICAL COMPUTER (ASN-91)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communications and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

- AIR CONDITIONING/PRESSURIZATION
- AIRFRAME
- ELECTRICAL SYSTEMS
- EMERGENCY EQUIPMENT
- EMERGENCY RADIO
- ENGINES
- EXPLOSIVE DEVICES
- FLIGHT CONTROLS
- FLIGHT REFERENCE
- FUEL SYSTEM (FUSELAGE AND WING)
- FUSELAGE COMPARTMENTS
- HYDRAULIC/PNEUMATIC SYSTEMS
- ICS (TA-7C ONLY)
- INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
- INTEGRATED GUIDANCE AND FLIGHT CONTROL (YAW STABILIZATION)
- LANDING GEAR
- LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
- MISCELLANEOUS UTILITIES
- OXYGEN SYSTEMS
- POWER PLANT INSTALLATION

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A-7C/A-7E/TA-7C (cont)

UHF COMMUNICATION SYSTEMS	(NOTE 2)
CONDITIONAL INSPECTION	(NOTE 2)
ENGINE INSPECTION	(NOTE 2)
SPECIAL INSPECTION	(NOTE 2)
PHASE INSPECTION	(NOTE 2)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 2)

NOTE:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. AS APPLICABLE PER REFERENCE (c).

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EA-7L

TYPE EQUIPMENT CODE: AAFS

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF
AFCS (ALT HDG NAV)
AMF
ANTI-SKID
APC (ASN-54)
AUXILIARY UHF (ARR-69)
HUD
PARABRAKE
PMDS (ASN-99)
PRECISION APPROACH RECEIVER (ARA-63)
RADAR BEACON (APN-154)
RAIN REMOVAL SYSTEM
TAXI LIGHT

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the active missile simulation mission. The aircraft is not capable of performing an anti-ship missile simulation with the radiation of a simulated threat signal. The aircraft is PMC, M or S.

AIRCRAFT DISPLAY ASSEMBLY (ALQ-170)	(NOTE 1)
CONTROL BOX ASSEMBLY (ALQ-170) (2 REQUIRED)	(NOTE 1)
GENERATOR CONTROL INDICATOR (AST-4)	(NOTE 1)
PILOT DISPLAY INDICATOR (PDI) (ALQ-170)	(NOTE 1)
POD (ALQ-170)	(NOTES 2,3)
POD (AST-4)	(NOTES 2,3)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the ECM training mission. The aircraft is not capable of employing appropriate ECM against early warning/air search radar, target acquisition/fire control radar, and communication/data link systems. The aircraft is PMC, M or S.

BRU-10 (INSTALLED STATIONS 1 AND 8)	
BRU-10 (INSTALLED STATION 2 OR 7)	
CHAFF (ALE-29/39)	
CHAFF (ALE-41 OR ALE-43)	(NOTES 2,3)
COCKPIT CONTROL INDICATOR (ALQ-167)	(NOTE 1)

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EA-7L (cont)

FEWSG UNIVERSAL SYSTEMS WIRING HARNESS
POD (ALQ-167)

(NOTE 4)
(NOTES 2,3)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the reconnaissance/surveillance missions within the capabilities of the aircraft. The aircraft is PMC, M or S.

RADAR GMP/GMS (APQ-126)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe operation with full aircrew during day, night and inclement weather conditions, employing encrypted UHF voice communication and IFF, or in-flight refueling. The aircraft is PMC, M or S.

AIR REFUELING PROBE
APPROACH LIGHTS
ARMAMENT RELEASE PANEL
ASCU

BRU-10 (INSTALLED STATIONS 3 AND 6)
DOPPLER (APN-190)
EXTERNAL FUEL SYSTEM
FUEL DUMP (WING)
PYLONS
SECURE UHF (KY-28)

(NOTE 2)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ADC (CP-953C)
AFCS (CONTROL AUG)
ANGLE-OF-ATTACK
CLOCK
EXTERNAL LIGHTS
HSI
IFF/SIF (APX-72)
TMC (ACN-00)

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EA-7L (cont)

RADAR ALTIMETER (APN-194)
STANDBY GYRO
TACAN (ARN-118)
TACTICAL COMPUTER (ASN-91)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION

AIRFRAME

ELECTRICAL SYSTEMS

EMERGENCY EQUIPMENT

EMERGENCY RADIO

ENGINE

EXPLOSIVE DEVICES

FLIGHT CONTROLS

FLIGHT REFERENCE

FUEL SYSTEM

FUSELAGE COMPARTMENTS

HYDRAULIC/PNEUMATIC SYSTEM

ICS

INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)

INTEGRATED GUIDANCE AND FLIGHT CONTROL (YAW

STABILIZATION)

LANDING GEAR

LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)

POWER PLANT INSTALLATION

UHF COMMUNICATION SYSTEM

CONDITIONAL INSPECTION

(NOTE 5)

ENGINE INSPECTION

(NOTE 5)

PHASE INSPECTION

(NOTE 5)

SPECIAL INSPECTION

(NOTE 5)

TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 5)

NOTES:

1. POD CONTROL BOX AND ACCESSORIES REQUIRED WHEN PODS MOUNTED ON APPLICABLE STATIONS.
2. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.

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EA-7L (cont)

3. POD REQUIREMENTS DEPEND ON AIRCRAFT MISSION ASSIGNMENT AND ELECTRONIC WARFARE DOCTRINE. SPECIFIC POD REQUIREMENTS MAY BE DESIGNATED BY SQUADRON DIRECTIVES.
4. INCLUDES ALL WIRING AND POWER DISTRIBUTION ONBOARD AIRCRAFT REQUIRED TO PERFORM SPECIAL ELECTRONIC WARFARE MISSIONS.
5. AS APPLICABLE PER REFERENCE (c).

01 JUL 1992

C-130F
TYPE EQUIPMENT CODE: ACMK

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

- ADF (1 REQUIRED)
- AIR DEFLECTOR DOORS
- CLOCK (8-DAY 1 REQUIRED)
- "G" METER (NON-RECORDING)
- GALLEY EQUIPMENT
- HF (1 REQUIRED)
- ICS (NAV, RAD, LM)
- OAT (1 REQUIRED)
- PA SYSTEM
- RADAR ALTIMETER (SCR-718)
- SYNCHROPHASER
- SINGLE POINT REFUELING
- TEMPERATURE DATUM SYSTEM
- TRUE AIRSPEED INDICATOR
- UHF (1 REQUIRED)
- UHF DF (1 REQUIRED)
- VHF (1 REQUIRED)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the full fleet support mission. The aircraft is not capable of transporting personnel/paratroops, transporting cargo prepared as per NAVSUP publication 505 (NOTAL) or conducting MEDEVAC of litter patients. The aircraft is PMC, M or S.

- AIR DELIVERY SYSTEM
- ALARM BELL
- ANTI-SKID
- APU (GTC)
- PASSENGER SEATING/CARGO LOADING EQUIPMENT

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of long range/over water navigation. The aircraft is PMC, M or S.

- AIR CONDITIONING/PRESSURIZATION
- AUTOPILOT
- FUEL QUANTITY INDICATOR

(NOTE 1)

01 JUL 1992

C-130F (cont)

HF (1 REQUIRED)
LIFE RAFTS (AS REQUIRED)
LCRAN
MAGNETIC COMPASS
PERISCOPE SEXTANT

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with required IFF, communication, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ADF
ANTI-/DE-ICING SYSTEM
CLOCK (8-DAY)
ENCODING ALTIMETER
GLIDE SLOPE
IFF SYSTEM
LIGHTING SYSTEM (EXTERIOR) (NOTE 2)
LIGHTING SYSTEM (INTERIOR) (NOTE 3)
LIGHTING SYSTEM (INSTRUMENT) (NOTE 4)
MARKER BEACON
OAT
PITOT HEAT
RADAR ALTIMETER (AN/APN-22)
TACAN
UHF OR VHF (1 REQUIRED)
VOR
WEATHER RADAR
WINDSHIELD WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS

011102

C-130F (cont)

FLIGHT REFERENCE INSTRUMENTS
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS (PILOT, COPILOT, FLIGHT ENGINEER)
IFF
INSTRUMENTS/INSTRUMENT SYSTEMS (AS REQUIRED)
(LESS TAS INDICATOR)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT, ADVISORY/
WARNING LIGHTS)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEM
POWER PLANT INSTALLATION
PROPELLERS
UHF
VHF
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)
SPECIAL INSPECTION (NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. ONE OPERATING INDICATOR FOR SYMMETRICAL MAIN TANKS PLUS FOUR FUEL FLOW INDICATORS.
2. NAVIGATION LIGHTS, ANTI-COLLISION/STROBE LIGHT, LANDING LIGHT (1 REQUIRED).
3. THUNDERSTORM LIGHTS REQUIRED.
4. COPILOT FLOOD LIGHTS REQUIRED.
5. AS APPLICABLE PER REFERENCE (c).

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KC-130F/KC-130R/KC-130T
TYPE EQUIPMENT CODE: ACML/ACMQ/ACMY

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF (1 REQUIRED)
AHRS
AIR DEFLECTOR DOOR SYSTEM
C-12 (ASIP MOD ACFT AND KC-130T) (1 REQUIRED)
CARGO COMPARTMENT LIGHTING SYSTEM
DOPPLER
FLIGHT RECORDER LOCATOR SYSTEM (AN/ASH-20)
FOOD PROVISIONS EQUIPMENT
GROUND PROXIMITY WARNING SYSTEM
IFF
ILS GLIDE SLOPE (1 REQUIRED)
INSTRUMENTS (ALL REQUIRED)
MA-1 (1 REQUIRED)
OIL COOLER AUGMENTATION (APPLICABLE MODELS)
TACAN (1 REQUIRED)
TEMPERATURE DATUM SYSTEM
THRUST AUGMENTATION SYSTEM
VOR RECEIVER (1 REQUIRED)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the expanded mission. The aircraft is not capable of aerial refueling with fuselage tank installed and multiplane receivers using self-contained radar rendezvous; conducting independent navigation over land and water, transporting troops/supplies/MEDEVACS to/from field within the objective area or conducting flight operations from advanced areas of expeditionary bases having POL support only. The aircraft is PMC, M or S.

APU (GTC)
ARA-63
HF RADIOS (1 REQUIRED)
IFF INTERROGATOR
ILS GLIDE SLOPE
INERTIAL NAVIGATION/OMEGA NAVIGATION/PERISCOPIC
SEXTANT/LORAN (APN-70/PINS) (ANY 2 REQUIRED)
RADAR ALTIMETER (APN-133A OR SCR-718)
VHF-FM

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KC-130F/KC-130R/KC-130T (cont)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the limited mission. The aircraft is not capable of missions in excess of 12 hours, conducting aerial refueling using fuselage tank/wing fuel from two hoses/pods over land with use of all land based navigational aides and on internal UHF/DF/DME rendezvous, conducting operations into and from improved advanced areas or expeditionary bases having adequate POL/SE support, conducting low level gravity aerial delivery, conducting low level paratroop drops via the ramp, dispensing flares or conducting airborne mobile direct air support center. The aircraft is PMC, M or S.

AIRBORNE MOBILE DIRECT AIR SUPPORT CENTER (DASC) (NOTE 1)
 AFT CARGO DOOR/RAMP SYSTEM
 AIR DELIVERY SYSTEM
 ANTI-SKID BRAKE SYSTEM
 APU INDICATORS
 AUTOPILOT SYSTEM
 CARA
 FUEL SYSTEM
 FUSELAGE FUEL TANK
 HOSE REEL ASSEMBLY (2 REQUIRED)
 KIT-1A/TSEC (MODE 4) (NOTE 1)
 KY-28/KY-58/KY-75 (NOTE 1)
 LOW RANGE ALTIMETER
 PROPELLOR SYNCHROPHASER
 TACAN (1 REQUIRED)
 UHF/DF
 UHF RADIO (1 REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the basic mission. The aircraft is not capable of missions 12 hours or less duration, conducting aerial refueling using wing fuel from one pod/hose over land with minimum navigational aids and a fixed point visual rendezvous, transporting troops/supplies/MEDEVACS with required seats/litters over land or conducting operations to and from established bases having adequate POL/SE support. The aircraft is PMC, M or S.

CARGO EQUIPMENT (PER ACFT INVENTORY RECORD)
 DROGUE ISOLITES
 FUEL FLOW COUNTER (1 REQUIRED)
 HOSE REEL ASSEMBLY (1 REQUIRED)
 ICS/OXYGEN SYSTEMS (A/R OBSERVATION STATION)

KC-130F/KC-130R/KC-130T (cont)

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POD ILLUMINATION LIGHTS
TROOP SEATS/LITTERS

(NOTE 2)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ADF (1 REQUIRED)
AIR CONDITIONING/PRESSURIZATION
ALTIMETER ALERT SYSTEM
ANTI-/DE-ICE SYSTEM
C-12 COMPASS SYSTEM (2 REQUIRED) (KC-130R
NON-ACIP)
EXTERIOR LIGHTING SYSTEMS
FLIGHT DECK LIGHTING SYSTEMS
IFF (IF NOT REQUIRED ALARM BELL)
MARKER BEACON
SEARCH RADAR
TACAN OR VOR
T/S (1 REQUIRED)
UHF OR VHF RADIO (1 REQUIRED)
WINDSHIELD WIPERS

(NOTE 3)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
COMMUNICATION SYSTEMS (UHF OR VHF, 1 REQUIRED)
ELECTRICAL SYSTEMS (LESS ATM/APU SYSTEM)
EMERGENCY EQUIPMENT (LESS AN/ASH-20) (1 EMERGENCY
RADIO/1 LIFE RAFT REQUIRED)
ENGINE (LESS TD SYSTEM)
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FUEL SYSTEM
FUEL QUANTITY INDICATOR (1 SYSTEM, MAIN TANK)
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS (LESS OBSERVER)

(NOTE 4)

(NOTE 5)

(NOTE 6)

(NOTE 7)

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KC-130F/KC-130R/KC-130T (cont)

INSTRUMENTS/INSTRUMENT SYSTEM (AS REQUIRED)	(NOTE 8)
LANDING GEAR (LESS ANTI-SKID)	
LIGHT SYSTEMS (1 ANTI-COLLISION LIGHT REQUIRED, ADVISORY/WARNING LIGHTS)	
MISCELLANEOUS UTILITIES	(NOTE 9)
OXYGEN SYSTEM	(NOTE 10)
POWER PLANT INSTALLATION (KC-130T LESS OIL COOLER AUGMENTATION)	
PROPELLERS (LESS SYNCHROPHASER SYSTEM)	
TRANSPONDER	
CONDITIONAL INSPECTION	(NOTE 11)
ENGINE INSPECTION	(NOTE 11)
PHASE INSPECTION	(NOTE 11)
SPECIAL INSPECTION	(NOTE 11)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 11)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. IF THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. MINIMUM OF 80 TROOP SEATS/60 LITTERS CAPABILITY WITHOUT FUSELAGE FUEL TANK INSTALLED. MINIMUM OF 40 TROOP SEATS/30 LITTERS CAPABILITY WITH FUSELAGE TANK INSTALLED.
3. LIGHT SYSTEM; LESS POD ILLUMINATION LIGHTS, DROGUE ISOLITE ASSEMBLY, AND FORMULATION LIGHTS.
4. AIRFRAME, LESS AFT CARGO RAMP/DOOR SYSTEM AND AERIAL DELIVERY SYSTEM.
5. FLIGHT REFERENCE SYSTEM, LESS C-12/MA-1 COMPASS UNLESS ALL ARE INOPERATIVE.
6. FUEL SYSTEM, LESS AUXILIARY/EXTERNAL TANKS AND INFLIGHT TANKER SYSTEM (IFR).
7. FUSELAGE COMPARTMENTS, LESS TROOP SEATS, LITTERS, FOOD PROVISIONS, CARGO EQUIPMENT.
8. INSTRUMENTATION ALL SYSTEMS, LESS TAS INDICATOR, ACCELEROMETER, PERISCOPIC SEXTANT, OIL COOLER DOOR POSITION INDICATOR, ONE (1) MAIN TANK FUEL QUANTITY INDICATING SYSTEM, FUSELAGE TANK FUEL QUANTITY INDICATING SYSTEM, AUXILIARY/EXTERNAL TANK FUEL QUANTITY INDICATING SYSTEM, APU (GTC) INSTRUMENTATION, FREE AIR TEMPERATURE, T/S ONE (1) REQUIRED.
9. MISCELLANEOUS UTILITIES, AIR CONDITIONING/PRESSURIZATION LESS THRUST AUGMENTATION (ATO)/WINDSHIELD WIPERS/LIFE RAFT SYSTEM.

KC-130F/KC-130R/KC-130T (cont)

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10. REQUIRED FOR ALL FLIGHT CREW MEMBERS AND OBSERVERS ON FLIGHT DECK DUTY. OTHER STATIONS MAY BE INOPERATIVE PROVIDED NO PROCEDURES ARE PREDICATED ON THEIR USE.
11. AS APPLICABLE PER REFERENCE (c).

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LC-130F/LC-130R
TYPE EQUIPMENT CODE: ACMM/ACMR

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ANGLE-OF-ATTACK/STALL WARNING
CRASH POSITION INDICATOR
GALLEY EQUIPMENT
LORAN
OAT INDICATOR (1 REQUIRED)
OMEGA (WHEN INSTALLED)
RADIO ALTIMETER
SYNCHROPHASER
TEMPERATURE DATUM SYSTEM

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the global transport mission. The aircraft is not capable of worldwide day/night all-weather wheel/ski operations including personnel, cargo and POL transport missions to and from prepared/unprepared surfaces. The aircraft is PMC, M or S.

APU/ATM GENERATOR
APU/GTC
AUTOPILOT
EXTERNAL FUEL TANKS
HF RADIOS (1 REQUIRED)
ILS (1 REQUIRED)
MARKER BEACON

(NOTE 1)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the polar transport mission. The aircraft is not capable of day/night all-weather wheel/ski operations in polar environment including personnel, cargo and POL transport missions to/from prepared/unprepared surfaces. The aircraft is PMC, M or S.

AERIAL DELIVERY SYSTEM (AIR DROP MISSION)
AUXILIARY FUEL TANKS
CARGO HANDLING EQUIPMENT
EXTERNAL FUEL TANK (POL MISSIONS/EXTENDED
RANGE MISSIONS)
FUEL QUANTITY SYSTEM
FUSELAGE FUEL TANK (POL MISSION)

(NOTE 2)

(NOTE 3)

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LC-130F/LC-130R (cont)

MOBILE MEDICAL MODULE (MEDIVAC MISSIONS)
PASSENGER/TROOP SEATING (NOTE 2)
PHOTO/RECONNAISSANCE SYSTEM (NOTE 4)
POLAR EMERGENCY EQUIPMENT
RADAR ALTIMETER
RADAR (SEARCH)
THRUST AUGMENTATION SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of day/night all-weather flight to/from deployed sites with adequate support equipment. The aircraft is PMC, M or S.

ADF (1 REQUIRED) (NOTE 5)
AIR CONDITIONING/PRESSURIZATION
CARGO EQUIPMENT (AS REQUIRED BY MISSION)
CARGO RAMP AND DOOR
HF COMMUNICATION
INS OR DOPPLER
PA SYSTEM
SEXTANT
UHF/VHF COMMUNICATION SYSTEMS (NOTE 6)
VOR/TACAN NAVIGATION (NOTE 6)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-/DE-ICE SYSTEM
BDHI (1 REQUIRED)
CLOCK (1 REQUIRED)
COMPASS SYSTEM (LC-130F: 2 C-12'S REQUIRED;
LC-130R: 1 C-12 AND INS OR 2 C-12'S REQUIRED)
EXTERIOR LIGHTING (THUNDER STORM, COPILOT
FLOOD LIGHTS, NAVIGATION LIGHTS)
FLIGHT DIRECTOR (2 REQUIRED) (NOTE 7)
IFF SYSTEM (MODE 3/C REQUIRED)
INTERIOR LIGHTING
NAVIGATION SYSTEM (1 TACAN AND 1 VOR)
OAT INDICATOR
RADAR
TURN-AND-SLIP INDICATOR (1 REQUIRED)

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LC-130F/LC-130R (cont)

UHF OR VHF RADIO (1 REQUIRED)
WINDSHIELD WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME	
COMPASS SYSTEM	
ELECTRICAL SYSTEM (LESS ATM/APU SYSTEM)	
EMERGENCY EQUIPMENT (LESS CPI)	(NOTE 8)
ENGINE (LESS TD SYSTEM)	
EXPLOSIVE DEVICES	
FIRE EXTINGUISHER/DETECTION SYSTEM (LESS APU AND GTC)	
FLIGHT CONTROLS	
FLIGHT DIRECTOR	
FUEL SYSTEM (INTEGRAL TANKS)	
FUEL QUANTITY INDICATOR	(NOTE 9)
FUSELAGE COMPONENTS	(NOTE 10)
HYDRAULIC/PNEUMATIC SYSTEM	
ICS SYSTEM (FOR BASIC CREW)	
IFF SYSTEM	
INSTRUMENTS/INSTRUMENT SYSTEMS (AS REQUIRED)	
LANDING GEAR/SKIS	
LIGHTING SYSTEM (ANTI-COLLISION LIGHT, ADVISORY WARNING LIGHTS)	(NOTE 11)
OXYGEN SYSTEM	
POWER PLANT INSTALLATION	
PROPELLERS (LESS SYNCHROPHASER SYSTEM)	
VHF AND UHF COMMUNICATIONS	
CONDITIONAL INSPECTION	(NOTE 12)
ENGINE INSPECTION	(NOTE 12)
PHASE INSPECTION	(NOTE 12)
SPECIAL INSPECTION	(NOTE 12)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 12)

NOTES:

1. IF AIRCRAFT IS CAPABLE OF RECEIVING ADEQUATE GROUND SUPPORT FOR STARTING, IT CAN BE RELEASED FOR SELECTED MISSIONS. IT IS IMPERATIVE THAT IT BE UNDERSTOOD THAT THE APU STATUS EF-

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LC-130F/LC-130R (cont)

- FFECTS THE APU GENERATOR. MISSIONS MUST BE PLANNED WITH THE REALIZATION THAT AN INOPERATIVE APU REQUIRES A MAJOR CHANGE TO THE CREWS EMERGENCY PROCEDURES.
2. SUFFICIENT PASSENGER/TROOP SEATING AND CARGO HANDLING EQUIPMENT AS PER MISSION REQUIREMENTS.
 3. IF AIRCRAFT IS ASSIGNED FOR WING JP MISSION, ALL WING FUEL QUANTITY INDICATORS MUST BE OPERATIVE (i.e., TANKS 1, 2, 3 AND 4).
 4. WHEN REQUIRED FOR PHOTOGRAPHIC/RECONNAISSANCE MISSIONS REPORT ON THE ENTIRE SYSTEM. IF NOT REQUIRED, REPORT ON WIRING, PNEUMATIC OR AIRFRAMES SYSTEM ONLY.
 5. ADF REQUIRED FOR THOSE MISSIONS REQUIRED ADF FIXES/NDB APPROACHES FOR PREDOMINATE PORTION OF FLIGHT OR THEATER OF OPERATION. (OPS COORDINATION)
 6. A COMBINATION OF 1 UHF, 1 VHF, 1 TACAN, 1 VOR AS A MINIMUM ARE REQUIRED FOR FLIGHTS INTO DEPLOYED AREAS IN WHICH UHF COMMUNICATION AND TACAN NAVIGATION IS EXTREMELY LIMITED.
 7. LC-130F WILL REQUIRE 2 OF 3 ADIS, ONE OF WHICH WILL BE ON PILOTS SIDE. LC-130R PILOTS ADI MUST HAVE TWO VERTICAL REFERENCE SOURCES.
 8. AS REQUIRED FOR MISSION AS PER REFERENCE (d).
 9. ONE OPERATIVE INDICATOR FOR SYMMETRICAL TANKS PLUS FOUR OPERATIVE FUEL FLOW INDICATORS.
 10. LESS TROOP SEATS, LITTERS, CARGO EQUIPMENT, GALLEY EQUIPMENT, WINCH, CARGO RAMP AND DOOR SYSTEMS.
 11. AIRCRAFT MAY BE FLOWN ON ANTARTIC CONTINENT FLIGHTS OR FLIGHTS OF SIMILAR LOCALE WITH INOP ANTI-COLLISION LIGHT AS LONG AS ANTI-COLLISION LIGHT IS REPAIRED AT FIRST FACILITY WITH REPAIR CAPABILITY.
 12. AS APPLICABLE PER REFERENCE (c).

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EC-130Q
TYPE EQUIPMENT CODES: ACMV

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF (1 REQUIRED)
AIR CONDITIONING (ONE MODE INOP)
ANTI-COLLISION LIGHT (1 REQUIRED)
DOPPLER
EMP (HARDENED COMPONENT INSTALLATION)
FSK INDICATOR (1 REQUIRED)
FUEL QUANTITY INDICATORS (NOTE 1)
GALLEY EQUIPMENT
GROUND PROXIMITY WARNING SYSTEM
IN-FLIGHT PERFORMANCE MONITOR
LIFERAFT (1 REQUIRED)
PUBLIC ADDRESS SYSTEM
RADAR ALTIMETER
RADIO ALTIMETER
SYNCHROPHASER
TAS INDICATOR/INS
TEMPERATURE DATUM SYSTEM
TTY CONVERTER (2 REQUIRED AND OPERATIONAL WB)
UHF/DF

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the optimum communications mission and degrading aircraft to a less than optimum performance level. The aircraft is not capable of receiving all VLF, HF and UHF circuits/nets at optimum performance levels in all modes. The aircraft is PMC, M or S.

AUTOPILOT
A/B CONVERTER (1 REQUIRED WITH OPERATIONAL TMPS)
APU INDICATORS
B/A CONVERTER
COMM CENTRAL BLOWERS (2 REQUIRED)
COMM CENTRAL CREW SEATS (3 REQUIRED)
COMM CENTRAL HF RECEIVE (2 REQUIRED)
COMM CENTRAL HF TRANSMIT (1 REQUIRED AND WB TRANS)
CW CONVERTER (PROVIDED OPERATIONAL HAND KEY AVAILABLE)
DATA MODEM
ENGINE PERFORMANCE INSTRUMENTS (NOTE 2)
EXTERNAL POWER SYSTEM

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EC-130Q (cont)

FLIGHT DIRECTOR COMPUTER
FSK INDICATOR
FTS (1 REQUIRED)
GENERATORS 40/50 KVA (3 REQUIRED)
GLIDESCOPE
IFF MODE 4
KEYBOARDS (TTY/DKU) (2 REQUIRED)
KG-33 CLOCK START RECEIVE (2 REQUIRED)
KW-7 RECEIVE (2 REQUIRED)
KW-7 TRANSMIT (1 REQUIRED)
LONG TWA (EXTEND AND RETRACT CAPABLE)
MARKER BEACON
NARROW BAND TRANSMIT
OAT INDICATOR
OIL COOLER FLAP INDICATORS
OIL QUANTITY INDICATORS
OMEGA OR LORAN OR INS (ANY 2 REQUIRED)
OSCILLOSCOPE (PORTABLE AVAILABLE)
PIC POWER SUPPLY (1 REQUIRED)
PRINTERS (TTY/MEDIUM SPEED) (2 REQUIRED)
SECONDARY INSTRUMENT LIGHTING
SECURE VOICE (KY-75)
SHORT TWA (EXTEND AND RETRACT CAPABLE)
SINGLE POINT REFUELING
TTY CONVERTER (1 WITH OPERATIONAL WB OR 2 WITHOUT WB)
TTY REPERFORATOR (2 REQUIRED)
UHF/LOS (1 OPERATIONAL) (FLIGHT DECK OR COMM)
UHF/PSK
UNITRON (1 REQUIRED)
VLF PA TEST LOAD
VLF RECEIVERS (2 REQUIRED)
VLF RECEIVE TERMINALS (2 REQUIRED)
WIDE BAND RECEIVE

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the minimum communications mission. The aircraft is not capable of receiving and transmitting VLF, HF and UHF communications at the minimum essential performance level required by applicable operational orders or conducting extended independent/oceanic operations in higher Defense Conditions (DEFCONS) as per applicable operational orders. The aircraft is PMC, M or S.

A/B CONVERTERS (1 REQUIRED WITHOUT TMPS)
AIR CONDITIONING/PRESSURIZATION (BOTH MODES INOP) (NOTE 3)
ANTI-SKID

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EC-130Q (cont)

COMM CENTRAL BLOWERS (1 REQUIRED)
 COMM CENTRAL HF RECEIVE (1 REQUIRED)
 COMM CENTRAL HF TRANSMIT (1 REQUIRED)
 CW CONVERTER (NO OPERATIONAL HAND KEY AVAILABLE)
 GENERATORS 60/90 KVA (3 REQUIRED)
 IFF MODE 3
 LOX QUANTITY GAUGE
 KEYBOARD (TTY/DKU) (1 REQUIRED)
 KEYS/KEYER AMPLIFIER (1 REQUIRED)
 KG-33 CLOCK START RECEIVE (1 REQUIRED)
 KG-33 CLOCK START TRANSMIT (1 REQUIRED)
 KW-7 RECEIVE (1 REQUIRED)
 LIFERAFT
 LONG TWA (EXTEND CAPABLE ONLY)
 ICS (ALL REQUIRED)
 NARROW BAND RECEIVE
 OE-242/A ANTENNA SYSTEM
 OMEGA OR LORAN OR INS (1 REQUIRED)
 OXYGEN REGULATORS (1 PER CREWMEMBER)
 PRINTER (TTY/MEDIUM SPEED) (1 REQUIRED)
 SATELLITE TRANSMIT ANTENNA SYSTEM
 SHORT TWA (EXTEND CAPABLE ONLY)
 TACAMO 28V POWER SUPPLY
 TDM (TMPS OPERATIONAL AND TTY INTERFACE SET AVAILABLE)
 TMPS (TDM OPERATIONAL)
 TRANSMITTER DISTRIBUTOR
 TTY CONVERTER (1 WITHOUT OPERATIONAL WB)
 TTY REPERFORATOR (TMPS OPERATIONAL)
 VLF NOTCH FILTER
 VLF PA (HALF POWER)
 VLF RECEIVERS (1 REQUIRED)
 VLF RECEIVE TERMINALS (1 REQUIRED)
 WIDE BAND TRANSMIT

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the emergency communications mission. The aircraft is not capable of meeting requirements for extended independent operations set forth in applicable operational orders due to less than minimum essential communications systems capability and aircraft system failures which preclude operations from unimproved airfields lacking ground support (other than POL). The aircraft is PMC, M or S.

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EC-130Q (cont)

A/B CONVERTER (TMPS INOPERABLE)
AIR CONDITIONING/PRESSURIZATION (30 PPM PACKAGE ONLY OR
NONE REQUIRED)
APU
AUDIO JACKFIELD
COMM CENTRAL BLOWERS
COMM CENTRAL CREW SEATS (2 REQUIRED)
COMM CENTRAL HF RECEIVE
COMM CENTRAL HF TRANSMIT
DC JACKFIELD
EXTERNAL/AUXILIARY FUEL TANKS
FTS
GENERATORS 60/90 KVA (2 REQUIRED)
GTC
ICS COMM CENTRAL (1 OPERATOR POSITION)
KEYBOARDS (TTY AND DKU)
KEYER/KEYER AMP
KEYLINE CONTROL (UHF/HF/CW)
KG-33 CLOCK START RECEIVE
KG-33 CLOCK START TRANSMIT
KW-7 RECEIVE
KW-7 TRANSMIT
LONG TWA
OMEGA/LORAN/INS/SEXTANT
OSCILLOSCOPE
PIC CARD CAGE
PIC POWER SUPPLY
POWER DISTRIBUTION 115V/400 HZ
POWER DISTRIBUTION 28V DC
PRINTERS (TTY AND MEDIUM SPEED)
SDSU
SF-6
SHORT TWA
TDM (TMPS INOPERABLE)
TMPS (TDM INOPERABLE)
TRANSMITTER DISTRIBUTOR
TTY CONVERTER (WB INOPERABLE)
TTY REPERFORATOR (TMPS INOPERABLE)
UHF SATCOM RECEIVE CAPABILITY (WB AND NB)
UNITRON
VLF COOLANT SYSTEM
VLF MODULATOR
VLF PA
VLF RECEIVERS
VLF RECEIVE TERMINALS
VLF TRANSMIT TERMINAL

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EC-130Q (cont)

Assign alpha character (I) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

- ADI (1 REQUIRED)
- AIRSPEED INDICATOR (1 REQUIRED)
- ANTI/DE-ICE SYSTEMS (LESS POD DE-ICING SYSTEM)
- APU GENERATOR
- ATM
- CLOCK (8-DAY WITH SWEEP SECOND HAND) (1 REQUIRED)
- COMPASS SYSTEM (1 REQUIRED) (C-12/AHRS/N-1)
- ENCODING ALTIMETER
- FLIGHT DECK UHF OR VHF (1 REQUIRED)
- HEADING INDICATOR (RMI/HSI/BDHI) (1 REQUIRED)
- IFF (MODES 3 AND C)
- INTERIOR AND EXTERIOR LIGHTING (AS REQUIRED)
- NESA
- PITOT HEAT (1 REQUIRED)
- PRIMARY INSTRUMENT LIGHTING
- RADAR
- TACAN OR VOR (2 REQUIRED)
- TURN AND SLIP INDICATOR (1 REQUIRED)
- VVI
- WINDSHIELD WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

- AIRFRAME
- ANTI-COLLISION LIGHT
- ELECTRICAL SYSTEM
- EMERGENCY EQUIPMENT
- EMERGENCY SYSTEM
- ENGINE
- ENGINE OIL PRESSURE GAUGES
- ENGINE OIL TEMPERATURE GAUGES
- ENGINE PERFORMANCE INSTRUMENTS
- EXPLOSIVE DEVICES

(NOTE 2)

111 632

EC-130Q (cont)

FLIGHT CONTROLS
 FLIGHT DECK UHF OR VHF
 FLIGHT INSTRUMENTS:
 ADI
 AIRSPEED INDICATOR
 ALTIMETER
 COMPASS SYSTEM (AHRS/C-12/N-1) (NOTE 4)
 HEADING INDICATOR (BDHI/HSI/RMI)
 PITOT HEAT
 SLIP INDICATOR
 WET MAGNETIC COMPASS
 FUEL PRESSURE GAUGE
 FUEL QUANTITY INDICATORS (NOTE 1)
 FUEL SYSTEM
 FUSELAGE COMPARTMENT
 GENERATORS 40/50 KVA (2 REQUIRED)
 HYDRAULIC/PNEUMATIC SYSTEM
 ICS (PILOT/COPILOT/ENGINEER/OBSERVER POSITIONS)
 LANDING GEAR
 MISCELLANEOUS UTILITIES
 OXYGEN SYSTEM
 POWER PLANT INSTALLATION
 PROPELLERS
 CONDITIONAL INSPECTION (NOTE 5)
 ENGINE INSPECTION (NOTE 5)
 PHASE INSPECTION (NOTE 5)
 SPECIAL INSPECTION (NOTE 5)
 TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. MUST HAVE ONE OPERABLE GAUGE BETWEEN ANY TWO SYMMETRICAL MAIN TANKS, PLUS AN OPERATIVE FUEL FLOW GAUGE FOR EACH RESPECTIVE FAILED MAIN TANK GAUGE.
2. ONLY ONE ENGINE PERFORMANCE INSTRUMENT (TORQUE, TIT, RPM, FUEL FLOW) MAY BE INOPERATIVE ON AN ENGINE AND ONLY ONE OF EACH MAY BE INOPERATIVE FOR ALL FOUR ENGINES.
3. BUNO 156170-156175: BOTH MODES INOP ON FLIGHT DECK PACKAGE. BUNO 160608 AND UP: BOTH MODES INOP ON EITHER FLIGHT DECK OR CARGO COMPARTMENT PACKAGE.
4. ALL SYSTEMS INOPERABLE.
5. AS APPLICABLE PER REFERENCE (c).

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TC-130Q/TC-130G
TYPE EQUIPMENT CODES: ACMX/ACMZ

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

- ADF (1 REQUIRED)
- AIR CONDITIONING (ONE MODE INOPERABLE)
- ANTI-COLLISION LIGHT (1 REQUIRED)
- DOPPLER
- EMP (HARDENED COMPONENT INSTALLATION)
- FUEL QUANTITY INDICATORS (ANY 1 OR MORE INOPERATIVE) (NOTE 1)
- GALLEY EQUIPMENT
- LIFERAFT (1 REQUIRED)
- PUBLIC ADDRESS SYSTEM
- RADAR ALTIMETER
- RADIO ALTIMETER
- SYNCHROPHASER
- TAS INDICATOR
- TEMPERATURE DATUM SYSTEM
- UHF/DF

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the optimum dispersal mission (self-lift). The aircraft is PMC, M or S.

- AIR CONDITIONING (FLIGHT DECK PACKAGE INOPERATIVE)
- AUTOPILOT
- ENGINE PERFORMANCE INSTRUMENTS
- EXTERNAL POWER
- GENERATORS 40/50 KVA (ANY 3 REQUIRED)
- GLIDESLOPE
- IFF MODE 4
- LIFERAFT
- MARKER BEACON
- OAT INDICATOR
- OIL COOLER FLAP INDICATORS
- OIL QUANTITY INDICATORS
- OMEGA OR LORAN OR INS (ANY 2 REQUIRED)
- SECONDARY INSTRUMENT LIGHTING
- SINGLE POINT REFUELING
- WING PODS

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TC-130Q/TC-130G (cont)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the minimum dispersal mission (self-lift). The aircraft is not capable of transporting personnel and cargo required for dispersal in higher DEFCONS. The aircraft is PMC, M or S.

- ADF
- AFT CARGO DOOR AND RAMP
- AIR CONDITIONING/PRESSURIZATION (FLIGHT DECK PACKAGE ONLY)
- ANTI-SKID
- APU
- CARGO LOADING EQUIPMENT
- EXTERNAL/AUXILIARY FUEL TANKS
- FLIGHT DECK HF
- GTC
- ICS (ALL)
- IFF (MODE 3)
- LOX QUANTITY GAUGE
- OMEGA OR LORAN OR INS
- PASSENGER SEATING (1 PER CREWMEMBER)
- SEXTANT

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

- ADI (1 REQUIRED)
- AIRSPEED INDICATOR (1 REQUIRED)
- ANTI/DE-ICE SYSTEMS (LESS POD DE-ICING SYSTEM)
- APU GENERATOR
- ATM
- CLOCK (8-DAY WITH SWEEP SECOND HAND)
- COMPASS SYSTEM (1 REQUIRED) (C-12/AHRS/N-1)
- ENCODING ALTIMETER
- FLIGHT DECK UHF OR VHF (1 REQUIRED)
- IFF (MODES 3 AND C)
- INTERIOR AND EXTERIOR LIGHTING (AS REQUIRED)
- NESA
- PITOT HEAT (1 REQUIRED)
- PRIMARY INSTRUMENT LIGHTING

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TC-130Q/TC-130G (cont)

RADAR
TACAN OR VOR (2 REQUIRED)
TURN-AND-SLIP INDICATOR (1 REQUIRED)
VVI (1 REQUIRED)
WINDSHIELD WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ANTI-COLLISION LIGHT
ELECTRICAL SYSTEM
EMERGENCY EQUIPMENT
ENGINE
ENGINE OIL PRESSURE GAUGES
ENGINE OIL TEMPERATURE GAUGES
ENGINE PERFORMANCE INSTRUMENTS (NOTE 2)
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT DECK UHF OR VHF
FLIGHT INSTRUMENTS:
 ADI
 AIRSPEED INDICATOR
 ALTIMETER
 COMPASS SYSTEM (AHR/C-12/N-1) (NOTE 3)
 HEADING INDICATOR (BDHI/HSI/RMI)
 PITOT HEAT
 SLIP INDICATOR
 WET MAGNETIC COMPASS
FUEL PRESSURE GAUGE
FUEL QUANTITY INDICATORS
FUEL SYSTEM (NOTE 1)
FUSELAGE COMPARTMENT
GENERATORS 40/50 KVA (2 REQUIRED)
HYDRAULIC/PNEUMATIC SYSTEM
ICS (PILOT/COPILOT/ENGINEER/OBSERVER POSITIONS)
LANDING GEAR
MISCELLANEOUS UTILITIES
OXYGEN SYSTEM

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TC-130Q/TC-130G (cont)

POWER PLANT INSTALLATION

PROPELLERS

CONDITIONAL INSPECTION

(NOTE 4)

ENGINE INSPECTION

(NOTE 4)

PHASE INSPECTION

(NOTE 4)

SPECIAL INSPECTION

(NOTE 4)

TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 4)

NOTES:

1. MUST HAVE ONE OPERABLE GAUGE BETWEEN ANY TWO SYMMETRICAL MAIN TANKS, PLUS AN OPERATIVE FUEL FLOW GAUGE FOR EACH RESPECTIVE FAILED MAIN TANK GAUGE.
2. ONLY ONE ENGINE PERFORMANCE INSTRUMENT (TORQUE, TIT, RPM, FUEL FLOW) MAY BE INOPERATIVE ON AN ENGINE AND ONLY ONE OF EACH MAY BE INOPERATIVE FOR ALL FOUR ENGINES.
3. ALL MODES INOPERATIVE.
4. AS APPLICABLE PER REFERENCE(c).

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C-2A

TYPE EQUIPMENT CODE: ACWA

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

- ACLS
- AFCS
- ARN COURSE INDICATOR (ID-249)
- AUXILIARY UHF (UHF 2)
- EXTENDED RANGE FUEL SYSTEM
- DOPPLER NAVIGATION
- "G" METER
- OAT
- PUBLIC ADDRESS SYSTEM
- TURN-AND-BANK INDICATOR (COPILOT)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the full fleet support mission. The aircraft is not capable of transporting personnel, transporting cargo prepared for air shipment or conducting medical evacuation of litter patients. The aircraft is PMC, M or S.

- AUXILIARY POWER UNIT (APU)
- BATT CHARGER
- CARGO RESTRAINT EQUIPMENT
- ENGINE STAND AND ACCESSORIES
- IFF (MODE 2 AND 4) (NOTE 4)
- LITTER SYSTEM
- LOX TANK ACCESSORIES AND TREAD MILLS
- OMEGA NAVIGATION
- PASSENGER OXYGEN SYSTEM (NOTE 2)
- SEATS AND HARDWARE (WITH SURVIVAL GEAR) (NOTE 1)
- UHF/ADF
- WINCH AND ACCESSORIES

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV with full aircrew during day or night, operations during inclement weather conditions or using encrypted UHF voice communication and IFF. The aircraft is PMC, M or S.

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C-2A (cont)

AN/ARA-63 (AACS)
 APPROACH LIGHTS/AOA SYSTEM
 ARRESTING HOOK
 HF COMMUNICATION (NOTE 3)
 ILS RECEIVER/MARKER BEACON
 RADAR ALTIMETER
 RAMP SYSTEM
 SDC CV-3879/A (NORMAL MODE)
 SECURE IFF (KIT-1A) (NOTE 4)
 SECURE VOICE (NOTE 4)
 STRUT EXTEND SYSTEM
 TOW LINK SYSTEM
 UHF RADIO (NOTE 5)
 VHF RADIO (NOTE 5)
 WEATHER RADAR
 WING FOLD SYSTEM

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AHRS (ASN-116) (1 OF 2)
 AIR CONDITIONING/PRESSURIZATION (LESS CABIN
 PRESSURIZATION)
 ANTI-/DE-ICE SYSTEM
 CABIN/COCKPIT LIGHTING
 CLOCK
 EQUIPMENT COOLING SYSTEM
 EXTERNAL LIGHTS
 IFF (MODES 3/C)
 LF/ADF
 TACAN
 TURN-AND-BANK INDICATOR (PILOT)
 VOR RECEIVER
 VSI (PILOT)
 WINDSHIELD WIPERS
 WET COMPASS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight

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C-2A (cont)

operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AHRS (ASN-116) (2 of 2)
 AIRFRAME
 AIR NAV COMPUTER (ANC) REMOVED
 ELECTRICAL SYSTEMS
 EMERGENCY EQUIPMENT (CREW)
 EMERGENCY RADIO (CREW)
 ENGINES
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS
 FLIGHT REFERENCE (A/A24G13 ADC SET)/SCADC (CPU-140)
 FUEL SYSTEM
 FUSELAGE COMPARTMENTS
 HYDRAULIC/PNEUMATIC SYSTEM
 ICS (MINIMUM REQUIRED; BOTH FORWARD AND 1 AFT STATION)
 INSTRUMENTS/INSTRUMENT SYSTEM (WUC 51 SERIES)
 LANDING GEAR
 LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
 MISCELLANEOUS UTILITIES
 NOSE WHEEL STEERING
 OXYGEN SYSTEM (CREW)
 PITCH FEEL (MANUAL)
 POWER PLANT INSTALLATION
 PROPELLERS
 SDC CV-3879/A (DEFAULT MODE)
 VHF OR UHF COMMUNICATION SYSTEMS (NOTE 5)
 CONDITIONAL INSPECTION (NOTE 6)
 ENGINE INSPECTION (NOTE 6)
 PHASE INSPECTION (NOTE 6)
 SPECIAL INSPECTION (NOTE 6)
 TECHNICAL DIRECTIVE COMPLIANCE (NOTE 6)

NOTES:

1. WITH SURVIVAL GEAR ALL STATIONS.
2. WHEN PASSENGER OXYGEN SYSTEM IS INOPERATIVE AND PASSENGERS ONBOARD, NATOPS ALTITUDE LIMITATIONS APPLY.
3. HF RADIO NOT REQUIRED IF ENTIRE FLIGHT CAN BE CONDUCTED WITHIN UHF/VHF RADIO RANGE OF CV, SHORE STATION, OR PATHFINDER AIRCRAFT.
4. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
5. ONE VHF OR UHF COMMUNICATIONS SYSTEM REQUIRED.
6. AS APPLICABLE PER REFERENCE (c).

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TC-4C

TYPE EQUIPMENT CODE: ACYD

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF
AUTOPILOT
ILS
RADAR ALTIMETER
VIDEO TAPE RECORDER (USH-17) (IF CONFIGURED)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the special A-6 weapons system training mission. The aircraft is PMC, M or S.

AMTI
BALLISTICS CONTROL UNIT
LASER RECEIVER (TRAM) (IF CONFIGURED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the all weather weapons system training mission. The aircraft is not capable of conducting basic A-6 weapons system training requirements under all weather conditions. The aircraft is PMC, M or S.

AIR DATA COMPUTER
APU (GTC-95-134)
ARMAMENT CONTROL UNIT
BALLISTICS COMPUTER (ASQ-133/ASQ-155)
DOPPLER RADAR NAVIGATION (APN-153)
FLIGHT DIRECTOR SYSTEM
HORIZONTAL DISPLAY (A-6 CONSOLE) (PILOT)
INFRARED DETECTION SET (TRAM) (IF CONFIGURED)
INS (ASN-31/ASN-92)
MA-1 COMPASS SYSTEM (STUDENT COMP)
OPTICAL SENSOR STAB GROUP (TRAM) (IF CONFIGURED)
SEARCH RADAR SET (APQ-148/APQ-156)
SEARCH RADAR TERRAIN CLEARANCE
STUDENT COMPARTMENT FURNISHINGS
TRAM DISPLAY (IF CONFIGURED)
VDI (AVA-1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission.

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TC-4C (cont)

The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION SYSTEM
EXTERIOR/INTERIOR LIGHTING
FLIGHT INSTRUMENTS
IFF
PROPELLER/ENGINE/WING DE-ICE
TACAN
VHF COMMUNICATIONS
VOR
WINDSHIELD WIPER SYSTEM

(NOTE 1)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION (WINDSHIELD HEAT)
AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
FLIGHT CONTROLS
FLIGHT REFERENCE (GYRO-STAB COMPASS SYSTEM)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
LANDING GEAR
LIGHTING SYSTEMS
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS
POWER PLANT INSTALLATION
PROPELLERS
UHF COMMUNICATION SYSTEMS
CONDITIONAL INSPECTION

(NOTE 2)

(NOTE 3)

(NOTE 4)

(NOTE 5)

(NOTE 6)

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TC-4C (cont)

ENGINE INSPECTION	(NOTE 6)
PHASE INSPECTION	(NOTE 6)
SPECIAL INSPECTION	(NOTE 6)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 6)

NOTES:

1. FLIGHT INSTRUMENTS IN ADDITION TO THOSE REQUIRED FOR VMC FLIGHT INCLUDE THE COPILOT GYRO, TURN-AND-BANK INDICATOR, ALTIMETER, AIRSPEED INDICATOR, VSI, PILOT AND COPILOT CLOCK AND ALTERNATE STATIC SOURCE.
2. EMERGENCY EQUIPMENT INCLUDES TWO WALK AROUND FIRE BOTTLES, LIFE RAFTS FOR OVER WATER FLIGHTS, AND SURVIVAL KITS.
3. THE ICS MUST BE INSTALLED FOR TWO-WAY COMMUNICATION, ICS VOICE COMMUNICATION BETWEEN PILOT AND COPILOT IS NOT NECESSARY.
4. BASIC FLIGHT INSTRUMENTS INCLUDE PILOT AIRSPEED INDICATOR, VSI, VERTICAL GYRO, TURN-AND-BANK INDICATOR, AND ALTIMETER.
5. ENGINE INSTRUMENTS INCLUDE OIL PRESSURE, OIL TEMP, TGT, RPM AND WATER METHANOL QUANTITY INDICATOR.
6. AS APPLICABLE PER REFERENCE (c).

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C-9B

TYPE EQUIPMENT CODE: ACZB

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

- ADFS
- FLIGHT RECORDER
- GALLEY EQUIPMENT
- GROUND PROXIMITY WARNING SYSTEM
- MARKER BEACON
- POTABLE WATER SYSTEM
- RADIO ALTIMETER
- TACAN
- VOICE RECORDER
- VHF #2
- VOR #2
- WINDSHIELD WIPER SYSTEM

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the extended over water mission. The aircraft is PMC, M or S.

- AIR CONDITIONING/PRESSURIZATION
- AUTOPILOT SYSTEM
- AUXILIARY POWER SYSTEM
- EMERGENCY RADIO BEACON
- HF COMMUNICATIONS
- INERTIAL NAVIGATION SYSTEM
- OMEGA SYSTEM

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the passenger/cargo mission. The aircraft is not capable of passenger/cargo logistics flights in day/night all weather conditions. The aircraft is PMC, M or S.

- ICS
- LAVATORY SYSTEM (AFT)
- LIFE RAFT (25 MAN)
- PASSENGER COMPARTMENT FURNISHINGS
- PASSENGER OXYGEN SYSTEM

Assign alpha character (K) of the EOC code when the following

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C-9B (cont)

system(s) are inoperative preventing all cargo missions. The aircraft is not capable of providing cargo logistic support commensurate with aircraft configuration. The aircraft is PMC, M or S.

CARGO COMPARTMENT FURNISHING	(NOTE 1)
CARGO DOOR SYSTEM	
SMOKE DETECTION SYSTEM	
SPECIAL WEAPONS FURNISHING	(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-SKID SYSTEM	(NOTE 2)
COMPASS SYSTEM	
CPI/ELT	(NOTE 2)
GYRO HORIZONS (2 REQUIRED)	
IFF TRANSPONDER	(NOTE 2)
LIGHTING (EXTERIOR AND INTERIOR)	(NOTE 2)
NAVIGATION SYSTEM	
SURFACE ICE/RAIN PROTECTION SYSTEM	(NOTE 2)
UHF	
VOR #1/DME	
WEATHER RADAR SYSTEM	

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME	
ANTI-COLLISION LIGHTS	(NOTE 2)
CRASH POSITION INDICATOR	(NOTE 2)
ELECTRICAL SYSTEMS	(NOTE 2)
EMERGENCY EQUIPMENT	(NOTE 3)
ENGINES	
ENGINE INSTRUMENTATION (BASIC)	(NOTES 1,4)
FIRE DETECTION/EXTINGUISHING SYSTEM	(NOTE 2)
FLIGHT CONTROLS	(NOTE 2)
FLIGHT INSTRUMENTATION (BASIC)	(NOTES 1,5)

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C-9B (cont)

FUEL SYSTEM	(NOTE 2)
HYDRAULIC/PNEUMATICS	(NOTE 2)
ICS (COCKPIT)	
LANDING GEAR	
MASTER CAUTION/MASTER WARNING SYSTEM	(NOTE 2)
OXYGEN SYSTEM	(NOTE 2)
PITOT HEAT SYSTEM	
POWER PLANT INSTALLATION	
STALL WARNING SYSTEM (ONE MAY BE INOPERATIVE)	
VHF #1	
CONDITIONAL INSPECTION	(NOTE 6)
ENGINE INSPECTION	(NOTE 6)
PHASE INSPECTION	(NOTE 6)
SPECIAL INSPECTION	(NOTE 6)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 6)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. REFER TO APPLICABLE TABLE IN CURRENT C-9B MINIMUM EQUIPMENT LIST (C9B NATOPS NA 01-C9BAAA-1).
3. INCLUDES FIREFIGHTING EQUIPMENT, MEDICAL EQUIPMENT, RESCUE EQUIPMENT, CREW LIFE RAFTS, MEGAPHONES.
4. INCLUDES (FOR EACH ENGINE) ENGINE PRESSURE RATIO, EXHAUST GAS TEMPERATURE, OIL PRESSURE, OIL TEMPERATURE, TACHOMETER SYSTEM (NOTE 1), FUEL FLOW INDICATING SYSTEM (NOTE 1).
5. INCLUDES BAROMETRIC ALTIMETERS (BOTH), RATE OF CLIMB INDICATOR (BOTH), RAM AIR TEMPERATURE INDICATORS, TURN-AND-SLIP INDICATOR (BOTH), DIRECTIONAL GYRO (ONE), MACH/AIRSPEED INDICATOR (BOTH).
6. AS APPLICABLE PER REFERENCE (c).

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C-20D

TYPE EQUIPMENT CODE: AC6A

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF
GALLEY EQUIPMENT
MARKER BEACON
POTABLE WATER SYSTEM
TACAN
VOR #2
WINDSHIELD WIPER SYSTEM

(NOTE 1)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of long range, over water flight operations. The aircraft is PMC, M or S.

AUTOPILOT SYSTEM
AUXILIARY POWER SYSTEM
ELT
EMERGENCY RADIO BEACON
HF COMMUNICATIONS
INERTIAL NAVIGATION (2 SYSTEMS REQUIRED)
LAVATORY SYSTEM
VHF (2 REQUIRED)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the passenger mission. The aircraft is not capable of passenger flights in day/night all weather conditions. The aircraft is PMC, M or S.

CABIN INTERPHONE SYSTEM
LIFE RAFT (10 MAN)
PASSENGER COMPARTMENT FURNISHINGS
PASSENGER OXYGEN SYSTEM

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

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C-20D (cont)

COMPASS SYSTEM	
GYRO HORIZONS (2 REQUIRED)	(NOTE 1)
LIGHTING (INTERIOR AND EXTERIOR)	(NOTE 1)
NAVIGATION SYSTEM	(NOTE 1)
SURFACE ICE/RAIN PROTECTION SYSTEM	(NOTE 1)
UHF	
VOR #1/DME	
WEATHER RADAR SYSTEM	

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION	(NOTE 1)
AIRFRAME	
ANTI-COLLISION LIGHTS	(NOTE 1)
ANTI-SKID SYSTEM	(NOTE 1)
ELECTRICAL SYSTEMS	(NOTE 1)
EMERGENCY EQUIPMENT	(NOTE 2)
ENGINES	
ENGINE INSTRUMENTATION (BASIC)	(NOTE 3)
FIRE DETECTION/EXTINGUISHING SYSTEM	(NOTE 1)
FLIGHT CONTROLS	(NOTE 1)
FLIGHT INSTRUMENTATION (BASIC)	(NOTE 4)
FLIGHT RECORDER SYSTEM	
FUEL SYSTEM	(NOTE 1)
GROUND PROXIMITY WARNING SYSTEM	
HYDRAULICS/PNEUMATICS	(NOTE 1)
ICS (COCKPIT)	
IFF TRANSPONDER	
LANDING GEAR	
MASTER CAUTION/MASTER WARNING SYSTEM	
OXYGEN SYSTEM	
PITOT HEAT SYSTEM	
POWER PLANT INSTALLATION	
RADIO ALTIMETER	(NOTE 1)
STALL WARNING SYSTEM/STALL BARRIER (BOTH REQUIRED)	
VHF (NO.1 REQUIRED)	
VOICE RECORDER SYSTEM	(NOTE 5)
CONDITIONAL INSPECTION	(NOTE 5)
ENGINE INSPECTION	

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C-20D (cont)

PHASE INSPECTION	(NOTE 5)
SPECIAL INSPECTION	(NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 5)

NOTES:

1. REFER TO APPLICABLE TABLE IN CURRENT FAA CONTROLLED MASTER MINIMUM EQUIPMENT LIST (MMEL).
2. INCLUDES FIREFIGHTING EQUIPMENT, MEDICAL EQUIPMENT, RESCUE EQUIPMENT, CREW LIFE RAFTS.
3. INCLUDES THE FOLLOWING ITEMS FOR EACH ENGINE: ENGINE PRESSURE RATIO, EXHAUST GAS TEMPERATURE, OIL PRESSURE, OIL TEMPERATURE, TACHOMETER SYSTEM (NOTE 1), FUEL FLOW INDICATING SYSTEM (NOTE 1).
4. INCLUDES BAROMETRIC ALTIMETERS (BOTH), RATE OF CLIMB INDICATORS (BOTH), RAM AIR TEMPERATURE INDICATORS, TURN & SLIP INDICATORS (BOTH), DIRECTIONAL GYRO (ONE), MACH/AIRSPEED INDICATOR (1), ONE AIR DATA COMPUTER AND STANDBY SYSTEM MUST BE OPERABLE.
5. AS APPLICABLE PER REFERENCE (c).

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E-2C
TYPE EQUIPMENT CODES: AEBC

Do not assign an EOC code if all equipment is operational.
The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACLS (AN/ASW-25)
AHRS (AN/ASN-50)/STANDBY GYRO (ID-1481A/A) (NOTE 1)
CIC FLIGHT INSTRUMENTS
COMPUTER PROGRAMMER (OL-77) (NOTE 2)
DOPPLER NAVIGATION (AN/APN-153)
IFPM (ASM-440)
RADAR ALTIMETER (AN/APN-171)
UHF/ADF (AN/ARA-50)
UHF AUTO RELAY

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full fleet defense mission. The aircraft is not capable of detecting and classifying threat emitters using ESM. The aircraft is PMC, M or S.

AFCS (ASW-15) (FLAT TURN CAPABLE)
AN/AMH-3 (NOTE 3)
HF COMMUNICATIONS (FULL CAPABILITY REQUIRED)
KY-75 (NOTE 3)
PASSIVE DETECTION SYSTEM (AN/ALR-59/73)
(ALL BANDS, ALL QUADRANTS)
SECURE VOICE (BOTH KY-28/58) (FULL CAPABILITY REQUIRED)
UHF COMMUNICATIONS (FULL CAPABILITY REQUIRED)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the expanded air-warfare control mission. The aircraft is not capable of expanded prosecution of air targets via two-way digital data link. The aircraft is PMC, M or S.

COMPUTER PROGRAMMER (OL-77) (NOTE 4)
COUNTERMEASURE SET (AN/ALQ-108) (PASSIVE AND
ACTIVE)
HF COMMUNICATIONS (MINIMUM 1 UHF RADIO)
LINK-4A CAPABILITY
UHF COMMUNICATIONS (NOTES 5,6)

Assign alpha character (E) of the EOC code when the following

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E-2C (cont)

system(s) are inoperative preventing the full air-surface surveillance/control mission. The aircraft is not capable of automatic detection, acquisition and tracking of air and surface targets and reporting via data link or providing support to a strike group against surface or land targets. The aircraft is PMC, M or S.

CONTROL INDICATOR GROUP (AN/APA-172) (MINIMUM
2 COMPLETE CONSOLES)
LINK 11 (DTS/KG40/ARQ34)
UHF COMMUNICATION

(NOTES 5,7)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic air-surface surveillance/control mission. The aircraft is not capable of manual detection/tracking and voice reporting of airborne and surface contacts conducting positive identification and voice control of skimmer/scrapper interceptor aircraft for visual identification and prosecution of contacts for conducting SAR coordination. The aircraft is PMC, M or S.

ANTENNA GROUP (AN/APA-171)
COMPUTER PROGRAMMER (OL-77)
CONTROL INDICATOR GROUP (AN/APA-172) (MINIMUM
2 COMPLETE CONSOLES)
HF VOICE RADIO (1 REQUIRED)
IFF DETECTOR PROCESSOR (OL-76)
IFF INTERROGATOR SYSTEM
IFF (MODE 4) (KIR-1A)
RADAR SET (AN/APS-120) (RSTV AND PSV)
UHF/ADF (AN/ARA-50)

(NOTE 8)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV with full aircrew during day, night and inclement weather conditions or employing encrypted UHF voice communications and IFF. The aircraft is PMC, M or S.

APPROACH LIGHTS
ARRESTING HOOK SYSTEM
CATAPULT SYSTEM
CREW INTERNAL LIGHTING
GASEOUS OXYGEN BOTTLE (WALK AROUND)
ICS (AN/AIC-14A) FULL CREW
IFF (MODE IV) KIT-1A

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E-2C (cont)

LOX (FULL CREW)
NOSE WHEEL STEERING
PORTABLE FIRE EXTINGUISHER (BOTH REQUIRED)
SECURE VOICE CAPABILITY (MINIMUM 1 KY-28/58)
SURVIVAL EQUIPMENT (FULL CREW)
UHF COMMUNICATION (NOTES 5,7)
WING FOLD

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION SYSTEM
ANTI-/DE-ICE SYSTEMS
CAINS (AN/ASN-92N/AHRS AN/ASN-50/
STANDBY GYRO ID-1481A/A) (NOTE 2)
EXTERNAL LIGHTING (LESS APPROACH LIGHTS)
FULL COCKPIT FLIGHT INSTRUMENTATION
(LESS RADAR ALTIMETER)
ICS (AN/AIC-14A) (2 OF 3 SYSTEMS OPERATIONAL)
IFF TRANSPONDER (APX-72) (LESS MODE IV)
INTERNAL COCKPIT LIGHTING
TACAN SYSTEM (AN/ARN-52/118)
VAPOR CYCLE
WINDSHIELD WIPER SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
ENGINES
FLIGHT CONTROLS
FLIGHT REFERENCE (NOTE 9)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS (PILOT/COPILOT AND 1 CIC COMPARTMENT STATION)

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E-2C (cont)

INSTRUMENTS/INSTRUMENT SYSTEM (WUC 51 SERIES) (NOTE 10)
LANDING GEAR
LIGHTING SYSTEMS (1 ANTI-COLLISION LIGHT REQUIRED)
MISCELLANEOUS UTILITIES (WUC 49 SERIES)
(LESS WINDSHIELD WIPERS)
OXYGEN SYSTEMS
POWER PLANT INSTALLATION
PROPELLERS
UHF COMMUNICATION SYSTEMS (#1 UHF REQUIRED)
CONDITIONAL INSPECTION (NOTE 11)
ENGINE INSPECTION (NOTE 11)
PHASE INSPECTION (NOTE 11)
SPECIAL INSPECTION (NOTE 11)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 11)

NOTES:

1. FULL TACTICAL LOAD, DUAL PROCESSOR.
2. ONE OF THE TWO LISTED SYSTEMS MUST BE OPERABLE AS WELL AS THE CAINS (AN/ASN-92).
3. APPLICABLE TO AIRCRAFT WHICH HAVE PROVISIONS INCORPORATED IN PRODUCTION OR AS RETROFIT MODIFICATION. IF WEAPON REPLACEABLE ASSEMBLIES (WRA'S) WERE NOT PROVIDED FOR ALL AIRCRAFT INCORPORATING THE SUB-SYSTEM, REPORT ON THE OPERATIONAL STATUS OF ONLY THE PROVISIONS (I.E., WIRING, PLUMBING, ETC).
4. FULL TACTICAL LOAD, SINGLE PROCESSOR OPERATIONAL.
5. FOR FULL CREW FLIGHTS IN AIRCRAFT INCORPORATING AFC 293, EITHER UHF #1 OR UHF #3 REQUIRED.
6. MINIMUM FOUR (4) UHFS INCLUDING UHF #1.
7. MINIMUM TWO (2) UHFS INCLUDING UHF #1.
8. DEGRADED TACTICAL LOAD SINGLE PROCESSOR.
9. ASN-50 AHRS OR ASN-92 CAINS (WITH VAPOR CYCLE), ANGLE-OF-ATTACK, AIR DATA COMPUTER.
10. PILOT VSI, PRESSURE ALTITUDE INDICATOR, TURN-AND-BANK INDICATOR, ATTITUDE INDICATOR; AIRSPEED INDICATOR (PILOT/COPILOT) AND PITOT STATIC SYSTEM.
11. AS APPLICABLE PER REFERENCE (c).

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E-6A

TYPE EQUIPMENT CODE: AECA

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACCELEROMETER
ADF (51-Y4)
ALTIMETER, ELECTRONIC (1 INOPERATIVE)
ANTI-COLLISION LIGHTS (1 INOPERATIVE)
AUDIO RECORDERS (1 INOPERATIVE)
BAUDOT TO CW CONVERTER
CLOCKS (NAVIGATOR AND/OR FLIGHT ENGINEER)
COUNTING ACCELEROMETER
DIGITAL HEADING INDICATOR
DIGITAL TO ANALOG CONVERTER (1 INOPERATIVE)
DTWA COUNTERS (COMM CENTER AND/OR FLIGHT DECK INOPERATIVE)
EAM ALARM
GASPER FAN
GENERATOR, 75 KVA (1 OR 2 INOPERATIVE)
ICS PA SYSTEM
ICS EXTERNAL
ICS STATIONS NOT OTHERWISE LISTED
IN-FLIGHT PERFORMANCE MONITOR
INERTIAL REFERENCE UNIT (1 INOPERATIVE)
LOCATOR (CRASH POSITION INDICATOR)
MARKER BEACON
OMEGA NAVIGATION SYSTEM
PARKING BRAKE LIGHT
RESERVE FUEL TRANSFER LINE LIGHTS
RUNWAY TURN-OFF LIGHTS
SATELLITE RECEIVE ANTENNA SYSTEM (EITHER MODE INOPERATIVE)
SEXTANT AND MOUNT
UHF DIRECTION FINDER
UHF LOOP TEST TRANSLATOR
UHF SECURE VOICE
UHF #5 HIGHPOWER AMPLIFIER (INOPERATIVE BUT MUST BE
INSTALLED)
VISUAL WARNING DISPLAY
WHEEL WELL LIGHTS

Assign alpha character (C) of the EOC code when the following system(s) are inoperative, preventing independent deployed operations while conducting the primary TACAMO communication mission. The aircraft is PMC, M or S.

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E-6A (cont)

24 VDC POWER SUPPLY (1 INOPERATIVE)
60 HZ CONVERTER/FILTER (1 INOPERATIVE)
A TO B CONVERTER (TMPS OPERATIVE)
AUDIO RECORDERS (2 INOPERATIVE)
AUXILIARY POWER UNIT
CREW COMFORT
DATA MODEM
DUMMY LOAD
ESM SYSTEM
FLIGHT MANAGEMENT COMPUTER SYSTEM (1 INOPERATIVE, BOTH
INSTALLED)
FREQUENCY TIME STANDARD (1 INOPERATIVE)
HF TRANSCEIVERS (1 INOPERATIVE)
HF SECURE VOICE
ICS (COMM CENTER SEATS 2 AND/OR 3 INOPERATIVE)
IFF (MODE 4 INOPERATIVE)
INERTIAL REFERENCE UNIT (2 INOPERATIVE)
KEYER/CONVERTER (1 INOPERATIVE)
KG-33 CS (1 INOPERATIVE)
KG-84 (1 INOPERATIVE)
LTWA CABLE CUTTERS (1 SYSTEM INOPERATIVE)
LTWA COUNTERS (LED OR MECHANICAL INOPERATIVE)
LTWA RETRACTION SYSTEM
PIC POWER SUPPLY (1 INOPERATIVE)
RENDEZVOUS RADAR BEACON
REPERFORATOR (1 INOPERATIVE)
STWA CABLE CUTTERS (1 SYSTEM INOPERATIVE)
STWA COUNTERS (LED OR MECHANICAL INOPERATIVE)
STWA RETRACTION SYSTEM
TIME DIVISION MULTIPLEX (TMPS OPERATIVE)
TOILET WASTE STORAGE TANK
TRANSMITTER DISTRIBUTOR (1 INOPERATIVE)
UHF RADIO (1 INOPERATIVE)
VHF/UHF ARC 18 (1 INOPERATIVE)
VERDIN RECEIVE TERMINALS (1 INOPERATIVE)
VLF PA CONTROL (1 INOPERATIVE)
VLF RECEIVERS (1 INOPERATIVE)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative, severely degrading the TACAMO mission. The aircraft is PMC, M or S.

60 HP MOTOR
AIR REFUELING SYSTEMS
AUTOPILOT
BRAKE COOLING SYSTEM

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E-6A (cont)

BLOWER ASSEMBLY
CHANGE PUMP
FUEL QUANTITY INDICATORS (CENTER/RESERVE TANKS)
GENERATORS, 75 KVA (3 INOPERATIVE)
HF TRANSCEIVERS (2 INOPERATIVE)
ICS (COMM CENTER SEATS 1 OR 4 INOPERATIVE)
KEYER/CONVERTER (2 INOPERATIVE)
KG-33 CS (2 INOPERATIVE)
KG-33 MI
KG-84 (2 INOPERATIVE)
LAVATORY (FLUSHING)
LED PHOTO TRANSMITTER
LTWA DROGUE ASSEMBLY
NAVIGATION SYSTEM (BOTH DME INOPERATIVE)
NAVIGATOR INSTRUMENTS (SAT, RMI, TAS, BARO ALT OR DME
INOPERATIVE)
NORMAL BRAKE SYSTEM (LTWA AND/OR STWA)
OSCILLOSCOPE (PORTABLE AVAILABLE)
PRINTERS (1 UGC-129 OR MEDIUM SPEED INOPERATIVE)
REPERFORATOR (2 INOPERATIVE)
STWA DROGUE ASSEMBLY
TMPS DATA BUFFER
TMPS DISPLAY/KEYBOARD (TDM AND UGC-129 PRINTERS INOP)
TMPS I/O PROCESSOR (TDM AND UGC-129 PRINTERS OPERATIVE)
TRANSMITTER DISTRIBUTOR (2 INOP WITH TMPS OPERATIONAL)
UHF #5 HIGH POWER AMPLIFIER (NOT INSTALLED)
UHF ARC-159 (2 INOPERATIVE)
UHF WIDE BAND
UHF PSK RX (3 HF RECEIVERS OPERATIONAL)
VLF PA (HALF POWER)
VLF RECEIVER (2 INOPERATIVE)
VERDIN RECEIVE TERMINALS (2 INOPERATIVE)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative, preventing the TACAMO communication mission. The aircraft is PMC, M or S.

24 VDC POWER SUPPLY (2 INOPERATIVE)
28 VDC DISTRIBUTION PANEL (1 INOPERATIVE)
60 HZ CONVERTER/FILTER (2 INOPERATIVE)
60 HZ DISTRIBUTION PANEL (1 INOPERATIVE)
400 HZ DISTRIBUTION PANEL (1 INOPERATIVE)
652A-23 POWER SUPPLY
A TO B CONVERTER (TMPS INOPERATIVE)
ACCUMULATOR #4
AUDIO JACK FIELD

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E-6A (cont)

AUDIO RECORDERS (3 INOPERATIVE)
CW TRANSMIT
DC JACK FIELD
DYWA TENSION INDICATOR (REEL STATION)
EMERGENCY BRAKE SYSTEM (LTWA AND/OR STWA)
EXIT TUBE ASSEMBLY
FLIGHT MANAGEMENT COMPUTER (2 INOPERATIVE OR EITHER NOT
INSTALLED)
FREQUENCY TIME STANDARD (2 INOPERATIVE)
FORCED AIR COOLING SYSTEM
GENERATORS, 75 KVA (4 INOPERATIVE)
HF TRANSCEIVERS (3 INOPERATIVE)
HYDRAULIC CIRCULATION PUMP - REEL
HYDRAULIC CONTROL PANEL - REEL
ICS (COMM CENTER SEATS 1 AND 4 BOTH INOPERATIVE)
KEYER/CONVERTER (3 INOPERATIVE)
KEYLINE CONTROL (UHF/HF)
KEYLINE CONTROL (VLF)
KG-33 CS (3 INOPERATIVE)
KG-84 (3 INOPERATIVE)
LIQUID COOLING SYSTEM
LONG WIRE PULLEY ASSEMBLY
LTWA CABLE CUTTERS (BOTH SYSTEMS INOPERATIVE)
LTWA COUNTERS (LED AND MECHANICAL BOTH INOPERATIVE)
LTWA EXTENSION SYSTEM
OSCILLOSCOPE (PORTABLE NOT AVAILABLE)
OXYGEN SYSTEM (FOR EMBARKED CREW MEMBERS)
PIC CARD CAGE
PIC POWER SUPPLY (2 INOPERATIVE)
PRESSURE TRANSDUCERS
PRINTERS (2 UGC-129 OR MEDIUM SPEED INOPERATIVE)
REPERFORATOR (3 INOPERATIVE)
SATELLITE RECEIVE ANTENNA SYSTEM (BOTH MODES INOPERATIVE)
SF-6 SYSTEM
SHORT WIRE DRIVE AND PULLEY ASSEMBLY
STANDARD DISTRIBUTION AND SWITCHING UNIT
STWA CABLE CUTTERS (BOTH SYSTEMS INOPERATIVE)
STWA COUNTERS (LED AND MECHANICAL INOPERATIVE)
STWA EXTENSION SYSTEM
TIME DIVISION MULTIPLEX (TMPS INOPERATIVE)
TMPS DISPLAY/KEYBOARD (TDM OR UGC-129 PRINTER INOPERATIVE)
TMPS I/O PROCESSOR (TDM OR EITHER UGC-129 PRINTER INOP)
TRANSMITTER DISTRIBUTOR (2 INOPERATIVE AND TMPS INOP)
UHF NB RX
UHF PSK RX (LESS THAN 3 HF RECEIVERS OPERATIONAL)
UHF DISTRIBUTION AMPLIFIER

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E-6A (cont)

VERDIN RECEIVE TERMINALS (3 INOPERATIVE)
VERDIN TX TERMINAL
VLF PA (TUNE POWER OR LESS)
VLF PA CONTROL (2 INOPERATIVE)
VLF NOTCH FILTER
VLF CONTROL
VLF RECEIVER (3 INOPERATIVE)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative, preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ADI (1 INOPERATIVE)
ALTIMETERS, ELECTRONIC (2 INOPERATIVE)
ANTI/DE-ICE SYSTEMS
DIGITAL TO ANALOG CONVERTERS (2 INOPERATIVE)
INERTIAL REFERENCE UNIT (2 INOPERATIVE)
INTERNAL/EXTERNAL LIGHTING (NOT OTHERWISE LISTED)
LANDING/TAXI LIGHTS
NAVIGATION LIGHTS
NAVIGATION SYSTEM (BOTH TACANS AND BOTH VORS INOPERATIVE)
PROBE HEATER SYSTEM (Q INLET, PITOT, TAT OR AOA PROBES)
VHF/UHF RADIOS (2 INOPERATIVE)
WEATHER RADAR
WINDSHIELD HEAT

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communications and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

ADI (2 INOPERATIVE)
AIR CONDITIONING/PRESSURIZATION
AIRFRAME
ANTI-COLLISION LIGHTS (BOTH INOPERATIVE)
ANTI-SKID
APU FIRE DETECTION AND EXTINGUISHING SYSTEM
AUDIO JACK FIELD (REMOVAL)
BLEED AIR SYSTEM
CAUTION ADVISORY LIGHTS AND PANELS
DIGITAL TO ANALOG CONVERTERS (3 OR 4 INOPERATIVE)

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E-6A (cont)

DIGITAL AIR DATA COMPUTER
DRAW THROUGH COOLING SYSTEM
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
ENGINE FAILURE ASSIST SYSTEM
ENGINE FIRE DETECTION AND EXTINGUISHING SYSTEM
FLIGHT CONTROLS
FLIGHT INSTRUMENTS/INSTRUMENT SYSTEM
FLIGHT DIRECTOR (1 INOPERATIVE)
FUEL DUMP SYSTEM
FUEL QUANTITY INDICATORS
FUEL SYSTEM
FUSELAGE COMPARTMENT
HYDRAULIC/PNEUMATIC SYSTEM
ICS/AUDIO FREQUENCY MONITOR SYSTEM (PILOT, COPILOT OR
FLIGHT ENGINEER)
IFF (EXCEPT MODE 4)
IDG OVERHEAT LIGHT
INERTIAL REFERENCE UNIT (3 INOPERATIVE)
LANDING GEAR
LEADING EDGE FLAP POSITION LIGHT SYSTEM
MAGNETIC STANDBY COMPASS
MAIN TANK FUEL VALVES AND INDICATORS (BOTH SYMMETRICAL
INOPERATIVE)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS (PILOT, CO-PILOT, FLIGHT ENGINEER OR
OBSERVER STATIONS)
PITOT STATIC SYSTEM
SERIES YAW DAMPER SYSTEM
STALL WARNING SYSTEM
TAKEOFF WARNING HORN SYSTEM
THRUST REVERSERS
TRIM INDICATOR, 3-AXIS
TURBO FAN ENGINE (1 INOPERATIVE)
VHF/UHF RADIO (3 INOPERATIVE)
WHEEL WELL FIRE WARNING SYSTEM
CONDITIONAL INSPECTION (NOTE 1)
ENGINE INSPECTION (NOTE 1)
PHASE/CALENDAR INSPECTION (NOTE 1)
SPECIAL INSPECTION (NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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F-16N/TF-16N
TYPE EQUIPMENT CODES: AFAA/AFAB

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AUTOPILOT
COCKPIT TV SYSTEM (CTVS AND AVTR)
EXTERNAL FUEL
GROUND INTERPHONE
ILS
SECURE VOICE
STORES JETTISON CONTROL (NOTE 1)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing DACM, IUT or FAM training. The aircraft is not capable of providing the required adversary services to the U.S. Navy. The aircraft is PMC, M or S.

ADI
CHAFF/FLARE DISPENSER
CT/CS RADAR THREAT WARNING
FIRE CONTROL COMPUTER
IN-FLIGHT RECORDER
INTERFERENCE BLANKER
HUD
MAX BUS CAPABILITY
MISSILE REMOTE INTERFACE UNIT (LAUNCH RAILS)
MULTIFUNCTION DISPLAY
RADAR
SMS

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable USAF Flight Manuals and FAA regulations. The aircraft is PMC, M or S.

ANTI-SKID
CLOCK
ENGINE ANTI-ICE
EXTERIOR LIGHTING (NOTE 2)
INTERIOR LIGHTING (NOTE 3)
PITOT HEAT

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F-16N/TF-16N (cont)

RADAR ALTIMETER
TACAN
UP FRONT CONTROL SET
VVI

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

ADC
AIRFRAME
AIRSPEED/MACH INDICATOR
AOA
APU/JFS
ARRESTMENT SYSTEM
ATTITUDE INDICATOR
BAROMETRIC ALTIMETER
CAUTION/WARNING INDICATOR LIGHTS
CREW STATION
ECS
ELECTRICAL SYSTEM
EMERGENCY POWER UNIT (EPU)
ESCAPE SYSTEM
EXPLOSIVE DEVICES AND COMPONENTS
EXTERIOR LIGHTING
FLIGHT CONTROLS
GUARD RADIO
HSI
HYDRAULIC/PNEUMATIC SYSTEMS
ICS (TF-16N ONLY)
IFF
INS
INSTRUMENT MODE SELECT PANEL
INTERIOR LIGHTING
INTERNAL FUEL
LANDING GEAR SYSTEMS
MALFUNCTION ANALYSIS
MISCELLANEOUS UTILITIES
NOSE WHEEL STEERING SYSTEM
OXYGEN SYSTEM
PERSONAL EQUIPMENT
POWER PLANT
RADIO (1 REQUIRED)

(NOTE 3)

(NOTE 4)

(NOTE 2)

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F-16N/TF-16N (cont)

SPEED BRAKE SYSTEM	
STORES JETTISON CONTROL	
TRIM	
WHEEL BRAKE SYSTEM	
WING FLAP SYSTEM	
CONDITIONAL INSPECTION	(NOTE 5)
ENGINE INSPECTION	(NOTE 5)
PHASE INSPECTION	(NOTE 5)
SPECIAL INSPECTION	(NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 5)

NOTES:

1. STORES JETTISON IS REQUIRED WHEN CARRYING EXTERNAL STORES, USE APPLICABLE CODE.
2. SOME INTERIOR LIGHTING MAY BE INOPERATIVE FOR VFR FLIGHTS, USE APPLICABLE CODE.
3. SOME EXTERIOR LIGHTING MAY BE INOPERATIVE WITHOUT MISSION DEGRADATION (I.E., ONE ANTI-COLLISION LIGHT, UPPER OR LOWER IS REQUIRED) USE APPLICABLE CODE.
4. ICS IS REQUIRED ONLY WHEN TWO CREW MEMBERS ARE NECESSARY TO COMPLETE THE REQUIRED MISSION.
5. AS APPLICABLE PER REFERENCE (c).

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RF-4B

TYPE EQUIPMENT CODE: AFPC

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

KS-116 CAMERA

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full range of reconnaissance missions. The aircraft is not capable of performing all reconnaissance missions within the capabilities of aircraft systems. The aircraft is PMC, M or S.

AN/APD-10 SLR (NOTE 1)
AN/ASQ-154 ADAS
HF RADIO (AN/ARC-105)
OPTICAL SENSORS (2 REQUIRED) (NOTE 1)
PHOTO FLASH
VIEW FINDER (AUTO MODE)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the tactical reconnaissance mission. The aircraft is not capable of day/night reconnaissance with a single day and a single night sensor in a hostile environment. The aircraft is PMC, M or S.

CHAFF (AN/ALE-29 OR AY/ALE-39) (NOTE 1)
COUNTERMEASURES SET (ALQ-126/ALQ-162) (NOTE 1)
KIT-1A (NOTE 1)
SECURE VOICE (KY-28 OR KY-58) (NOTE 1)
RECEIVING SET (ALR-45, ALR-50 OR APR-43) (NOTE 1)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the limited reconnaissance mission. The aircraft is not capable of single mission day or night reconnaissance in a nonhostile environment. The aircraft is PMC, M or S.

CAINS (AN/ASN-92) (NAVIGATION CAPABLE)
FLR (AN/APQ-99 OR AN/APQ-172) (NOTE 1)
HSI (TGT, TGT-IND, HDG MODES)
IR (AN/ADD-5)

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RF-4B (cont)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the minimum reconnaissance mission. The aircraft is not capable of single mission day photographic reconnaissance in a nonhostile environment. The aircraft is PMC, M or S.

ACPC

OPTICAL SENSOR (1 REQUIRED)

(NOTE 1)

VIEW FINDER (MANUAL MODE)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a CV during day, night and inclement weather conditions. The aircraft is PMC, M or S.

AFCS (AUTOPILOT MODE)

AOA (APPROACH AND INDEXER LIGHTS)

APCS (AN/ASM-54(V))

DATA LINK (AN/ASW-25)

FUEL SYSTEM (EXTERNAL AND AIR REFUEL)

IFF (MODE 1, 2 AND 4)

ILS (AN/ARA-63)

NOSE GEAR EXTENSION

UHF (2 REQUIRED)

WING FOLD

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ATTITUDE DIRECTION FINDER

CAINS (AN/ASN-92) (ATTITUDE ONLY)

COMPASS SYSTEM

ENGINE ANTI-ICE

FLIGHT CONTROL (ROLL AND YAW STAB AUG)

HARA (AN/APN-159)

IFF (MODE 3 AND 3C)

INTERNAL/EXTERNAL LIGHTS

PITOT HEAT SYSTEM

RAIN REMOVAL

TACAN HSI (TACAN AND CDI MODES)

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RF-4B (cont)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION

AIRFRAME

CNI (AN/ASQ-19, AN/ASQ-160)

ELECTRICAL SYSTEMS

EMERGENCY EQUIPMENT

ENGINES

EXPLOSIVE DEVICES

FLIGHT CONTROLS

FLIGHT REFERENCE (CADC, AHRS AND AOA)

FUEL SYSTEM (INTERNAL)

FUSELAGE COMPARTMENTS

HYDRAULIC/PNEUMATIC SYSTEMS

ICS

INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 2)

INTEGRATED GUIDANCE AND FLIGHT CONTROL

(PITCH AUG AND ARI)

LANDING GEAR

LIGHTING SYSTEMS (ANTI-COLLISION LIGHTS)

OXYGEN SYSTEMS

MISCELLANEOUS UTILITIES (RAT, FIRE/OVHT)

UHF COMMUNICATION SYSTEMS (1 OF 2 SYSTEMS REQUIRED)

CONDITIONAL INSPECTION

(NOTE 3)

ENGINE INSPECTION

(NOTE 3)

PHASE INSPECTION

(NOTE 3)

SPECIAL INSPECTION

(NOTE 3)

TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 3)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. FLIGHT INSTRUMENTS: BAROMETRIC ALTIMETER (BOTH COCKPITS), AIRSPEED MACH INDICATOR (BOTH COCKPITS), TURN NEEDLE, ADI, VVI, PILOT CLOCK, WET COMPASS AND CARD.
3. AS APPLICABLE PER REFERENCE (c).

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F-4J/F-4S
TYPE EQUIPMENT CODES: AFPH/AFPT

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACLS
APCS
ILS (ARA-63)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the Composite Force Air Superiority (CFAS) mission. The aircraft is not capable of prosecuting the CFAS mission in a maritime or amphibious environment, conducting independent operation in a multi-threat ECM environment or firing all air-to-air weapons from all applicable weapons stations. The aircraft is PMC, M or S.

AFCS
AIR-TO-AIR INTERROGATOR (APX-76) (NOTE 1)
DATA LINK (LESS ACLS)
SPARROW MISSILE SYSTEM (4 STATIONS REQUIRED)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the escort/strike mission. The aircraft is not capable of independent detection and destruction of aircraft/missiles under all weather conditions or providing protection escort for strike and support forces. The aircraft is PMC, M or S.

KIT/KIR/MODE IV (NOTE 1)
NAVIGATION COMPUTER
RADAR SET (P/D F4J/S)
SECURE COMMUNICATION (KY-28) (NOTE 1)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the expanded Air Combat Maneuvering (ACM) weapons mission. The aircraft is not capable of limited (pulse only) self-contained intercepts and the use of air-to-air weapons in the ACM environment. The aircraft is PMC, M or S.

DAA
RADAR SET (PULSE/CW ONLY)
SEAM (EXCLUDE VTAS SIGHTING SYSTEM)

F-4J/F-4S (cont)

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SPARROW MISSILE SYSTEM (2 STATIONS)
VTAS

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the ACM weapons mission. The aircraft is not capable of ground controlled intercepts to visual identification, or using nonradar guided air-to-air weapons under VMC. The aircraft is PMC, M or S.

SIDEWINDER MISSILE SYSTEM (4 STATIONS REQUIRED)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative preventing the conventional air-surface (computer) delivery mission. The aircraft is not capable of loading and releasing conventional ordnance using systems delivery methods in a close or direct air support arena. The aircraft is PMC, M or S.

AIRBORNE WEAPONS CONTROL SYSTEM
(AWG-10A/B/APQ-72)

DATA LINK	(NOTE 1)
ELECTRICAL FUZING	
LOFT BOMB COMPUTER	(NOTE 1)
RADAR BEACON	(NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the conventional air-surface (pilot) delivery mission. The aircraft is not capable of loading or releasing conventional ordnance using mechanical or optical sight methods in a close or direct air support arena. The aircraft is PMC, M or S.

CHAFF (ALE-29 OR 39)	(NOTE 1)
DECM (ALQ-126 OR 100)	(NOTE 1)
GUN POSITIONING SYSTEM	(NOTE 1)
OPTICAL SIGHT	
RWR ALR-25/27/45D/F/50/APR-43	(NOTE 1)
WEAPONS DELIVERY (CONVENTIONAL)	

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

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F-4J/F-4S (cont)

ALTITUDE ENCODER (ALC)
 AUXILIARY RECEIVER
 ENGINE ANTI-ICE
 IFF/SIF (MODES 3 AND 3C)
 LIGHTING (EXTERNAL AND INTERNAL)
 PITOT/ANGLE-OF-ATTACK HEAT
 RADAR ALTIMETER
 TACAN

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operation under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
 AIRFRAME
 BOMBING NAVIGATION (LESS LOFT BOMB COMPUTER)
 CNI
 DECELERATION EQUIPMENT/DROGUE PARACHUTE
 ELECTRICAL SYSTEMS
 EMERGENCY EQUIPMENT
 EMERGENCY RADIO
 ENGINES
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS (NOTE 2)
 FLIGHT REFERENCE
 FUEL SYSTEM
 FUSELAGE COMPARTMENTS
 HYDRAULIC/PNEUMATIC SYSTEMS
 ICS
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)
 INTEGRATED GUIDANCE AND FLIGHT CONTROL
 LANDING GEAR
 LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
 MISCELLANEOUS UTILITIES
 OXYGEN SYSTEMS
 POWER PLANT INSTALLATION
 UHF COMMUNICATION SYSTEMS
 CONDITIONAL INSPECTION (NOTE 4)
 ENGINE INSPECTION (NOTE 4)
 PHASE INSPECTION (NOTE 4)
 SPECIAL INSPECTION (NOTE 4)
 TECHNICAL DIRECTIVE COMPLIANCE

F-4J/F-4S (cont)

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NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. ATTITUDE INDICATING SYSTEM, CADC (LESS ALT ENC), ANGLE-OF-ATTACK.
3. MINIMUM FLIGHT/ENGINE INSTRUMENTATION PER REFERENCE (d).
4. AS APPLICABLE PER REFERENCE (c).

F-14A/B

TYPE EQUIPMENT CODE: AFWA/AFWC

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACLS
ADF
AFCS (FULL SYSTEM REQUIRED)
ANTI-SKID SYSTEM
APCS
ARA-63 (ILS)
BEACON AUGMENTER
DLC
CAG/SDRS
COCKPIT ACCELEROMETER (NOTE 1)
FEMS (F-14B ONLY)
FUEL TOTALIZER

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the Composite Force Air Superiority (CFAS) flight mission. The aircraft is not capable of prosecuting the CFAS mission in a maritime or amphibious environment, conducting independent operations in a multi-threat environment of firing all air-to-air weapons from all applicable weapons stations. The aircraft is PMC, M or S.

AIM-7 (ALL APPLICABLE STATIONS) (NOTE 1)
AIM-9 (ALL APPLICABLE STATIONS) (NOTE 1)
AIM-54 (ALL APPLICABLE STATIONS) (A/C CAPABLE)
APX-76 (NOTE 1)
AWG-15 (A1A AND EMERGENCY JETTISON MODES REQUIRED)
ENCODER (KY-58) (NOTE 1)
EXTERNAL FUEL TANKS (2 REQUIRED) (NOTE 1)
KIR-1A (NOTE 1)
INS (FULL SYSTEM REQUIRED)
LAU-7A LAUNCHER (ALL APPLICABLE STATIONS)
LAU-92 (WING STATIONS ONLY)
LAU-93 (ALL APPLICABLE STATIONS)
MXU-611 TANK EJECTOR UNIT (2 REQUIRED) (NOTE 1)
PHOENIX FAIRING (ALL APPLICABLE STATIONS)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the escort/strike mission. The aircraft is not capable of independent detection and destruction

F-14A/B (cont)

of aircraft/missiles under all weather conditions, or protective escort of strike and support forces. The aircraft is PMC, M or S.

AWG-9 (FULL SYSTEM REQUIRED)
DATA LINK

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the expanded ACM weapons mission. The aircraft is not capable of limited (pulse only) self-contained intercepts and the use of air-to-air weapons in the ACM environment. The aircraft is PMC, M or S.

AIM-7 (2 STATIONS REQUIRED)	(NOTE 1)
AWG-9 (DOG FIGHT REQUIRED)	
INS	(NOTE 2)
LAU-92 (CENTERLINE ONLY)	
SEAM (SIDEWINDER EXPANDED ACQUISITION	
MODE WITH RADAR)	(NOTE 1)
TELEVISION CAMERA SET (TCS)	(NOTE 1)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the ACM weapons mission. The aircraft is not capable of ground controlled intercepts to visual identification of using nonguided air-to-air weapons under VMC. The aircraft is PMC, M or S.

AIM-9 (WIRING AND CONTROL) (2 STATIONS)
AIM-54 (A/C CAPABLE) (2 STATIONS)
CW ILLUMINATOR
LAU-7A LAUNCHER (2 STATIONS)
LAU-93 (2 STATIONS)
PHOENIX FAIRING (2 STATIONS)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative preventing the conventional air-surface (computer) mission. The aircraft is not capable of loading and releasing conventional ordnance using systems delivery in a close or direct air support arena. The aircraft is PMC, M or S.

AWG-9 (PULSE ONLY REQUIRED)
AWG-15 (AIR-TO-GROUND)
WEAPON DELIVERY

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the conventional air-surface (pilot) mission. The aircraft is not capable of

NO 100 02

F-14A/B (cont)

loading and releasing conventional ordnance using mechanical or optical sight methods in a close or direct air support arena. The aircraft is PMC, M or S.

ALQ-100/ALQ-126 (DECM)	(NOTE 1)
ALR-45 (PECM)	(NOTE 1)
ALR-50 (PECM)	(NOTE 1)
ALR-67 (PECM)	(NOTE 1)
ECM DISPLAY	
GUN (M-61)	
HSD (HORIZONTAL SITUATION DISPLAY)	
HUD (HEADS UP DISPLAY)	
INTERFERENCE BLANKER (MX9467-A)	
ORDNANCE JETTISON SYSTEM (AWG-15)	
WEAPONS RAIL	

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

APX-72	
INERTIAL MEASUREMENT UNIT (ASN-92)	
KIT-1A	(NOTE 1)
LIGHTS (INTERNAL AND EXTERNAL)	
STANDBY ATTITUDE INDICATOR	
RADAR ALTIMETER (APN-194)	
RAIN REMOVAL SYSTEM	
UHF (2 REQUIRED)	(NOTE 3)
VDI	

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
 AIRFRAME
 BOMBING NAVIGATION
 CNI
 DECELERATION EQUIPMENT (RATS F-14B)
 ELECTRICAL SYSTEMS

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F-14A/B (cont)

EMERGENCY EQUIPMENT	
EMERGENCY RADIO	
ENGINES	
EXPLOSIVE DEVICES	
FLIGHT CONTROLS	
FLIGHT REFERENCE	(NOTE 4)
FUSELAGE COMPARTMENTS	
HYDRAULIC/PNEUMATIC SYSTEM	
ICS	
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)	(NOTE 5)
INTEGRATED GUIDANCE AND FLIGHT CONTROL	
(SAS ROLL/YAW STAB AUG)	
LANDING GEAR	
LIGHTING SYSTEMS (2 ANTI-COLLISION LIGHTS REQUIRED)	
MISCELLANEOUS UTILITIES	
OXYGEN SYSTEMS	
POWER PLANT INSTALLATION	
RADIO NAVIGATION	
UHF COMMUNICATION SYSTEMS	(NOTE 3)
WEAPON CONTROL	(NOTE 6)
WEAPON DELIVERY	(NOTE 7)
CONDITIONAL INSPECTION	(NOTE 8)
ENGINE INSPECTION	(NOTE 8)
PHASE INSPECTION	(NOTE 8)
SPECIAL INSPECTION	(NOTE 8)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 8)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. IF INS/IMU OR INS/AHRS CAPABLE ONLY.
3. IF ONLY ONE UHF IS OPERABLE, ENTER EOC CODE (L), IF NEITHER UHF IS OPERABLE, ENTER EOC CODE (Z).
4. ANGLE-OF-ATTACK, AHRS (ATTITUDE HEADING REFERENCE SYSTEM), CADC (CENTRAL AIR DATA COMPUTER), CSDC (COMPUTER SIGNAL DATA CONVERTER).
5. ALTIMETER, PRESSURE (STANDBY MODE, BOTH COCKPITS), AIRSPEED INDICATOR (BOTH COCKPITS), TURN-AND-SLIP INDICATORS, VSI (VERTICAL SPEED INDICATOR), CLOCK, WET COMPASS AND CARD.
6. AWG-9 (COMPUTER REQUIRED), TID OR TID REPEAT (TACTICAL INFO DISPLAY).
7. GUN GAS PURGE SWITCH ASSY ONLY REQUIRED.
8. AS APPLICABLE PER REFERENCE (c).

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F-14D

TYPE EQUIPMENT CODE: AFWE

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACLS
ADF
AFCS (FULL SYSTEM REQUIRED)
AN/ASK-8 FATIGUE ENGINE MONITORING SYSTEM (FEMS)
ANTI-SKID SYSTEM
APCS
BEACON AUGMENTER
COCKPIT ACCELEROMETER
FUEL TOTALIZER

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the Composite Force Air Superiority (CFAS) flight mission. The aircraft is not capable of prosecuting the CFAS mission in a maritime or amphibious environment, conducting independent operations in a multi-threat environment, or firing all air-to-air weapons from all applicable weapons stations. The aircraft is PMC, M or S.

AIM-7 (ALL APPLICABLE STATIONS) (NOTE 1)
AIM-9 (ALL APPLICABLE STATIONS) (NOTE 1)
AIM-54 (ALL APPLICABLE STATIONS) (A/C CAPABLE)
APX-76 (NOTE 1)
ARA-63 (ILS)
ASN-139 INS
AYQ-15 (SMS SYSTEM)
BRU-10
DLC
ENCODER (KY-58) (NOTE 1)
EXTERNAL FUEL TANKS (2 REQUIRED) (NOTE 1)
KIR-1A (NOTE 1)
LAU-7A LAUNCHER (ALL APPLICABLE STATIONS)
LAU-92 (WING STATIONS ONLY)
LAU-132
MXU-611 TANK EJECTOR UNIT (2 REQUIRED) (NOTE 1)
PHOENIX FAIRING (ALL APPLICABLE STATIONS)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the escort/strike mission. The aircraft is not capable of independent detection and destruction of aircraft/missiles under all weather conditions, or protective escort of strike and support forces. The aircraft is PMC, M or S.

APG-71 (FULL SYSTEM REQUIRED)
DATA LINK ASW-71

0100 1302

F-14D (cont)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the expanded ACM weapons mission. The aircraft is not capable of limited (pulse only) self-contained intercepts and the use of air-to-air weapons in the ACM environment. The aircraft is PMC, M or S.

AIM-7 (TWO STATIONS)	
INS/SAHRS	(NOTE 3)
IRST	(NOTE 1)
LAU-92 (CENTERLINE ONLY)	
SEAM (SIDEWINDER EXPANDED ACQUISITION	
MODE WITH RADAR)	(NOTE 1)
TELEVISION CAMERA SET (TCS) AN/AXX-1	(NOTE 1)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the ACM weapons mission. The aircraft is not capable of ground controlled intercepts to visual identification, or using nonguided air-to-air weapons under VMC. The aircraft is PMC, M or S.

AIM-9 (WIRING AND CONTROL)
AIM-54 (A/C CAPABLE) (2 STATIONS)
CW ILLUMINATOR
LAU-92 LAUNCHER (2 STATIONS)
PHOENIX FAIRING (2 STATIONS)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative preventing the conventional air-surface (computer) mission. The aircraft is not capable of loading and releasing conventional ordnance using systems delivery in a close or direct air support arena. The aircraft is PMC, M or S.

APG-71 (PULSE ONLY REQUIRED)
AYQ-15
HAND CONTROL UNIT, SENSOR DISPLAY INDICATOR SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the conventional air-surface (pilot) mission. The aircraft is not capable of loading and releasing conventional ordnance using mechanical or optical sight methods in a close or direct air support arena. The aircraft is PMC, M or S.

ALE-39/29 CHAFF/FLARE DISPENSER	(NOTE 1)
ASPJ (ALQ-165)	
AYK-14 (ONE)	
M-61 GUN	
MASTER ARM CONTROL PANEL	
MULTI FUNCTION DISPLAY (MFD) (ONE EACH COCKPIT)	

01.1.1002

F-14D (cont)

RWR (ALR-67)	(NOTE 1)
STORES MANAGEMENT SET (SMS)	(NOTE 2)
WEAPONS RAIL	

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

APX-100	
DATA ENTRY UNIT (DEU)	
DISPLAY CONTROL PANEL/DATA STORAGE SET	
HUD	
INERTIAL MEASUREMENT UNIT (SN-139) OR SAHRS	
KIT-1A	(NOTE 1)
LIGHTS (INTERNAL AND EXTERNAL)	
STANDBY ATTITUDE INDICATOR	
RADAR ALTIMETER (APN-194)	
RAIN REMOVAL SYSTEM	
ROLL/YAW STAB AUG	
UHF (2 REQUIRED)	(NOTE 4)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION	
AIRFRAME	
AYK-14 (BOTH)	
CNI	
DECELERATION EQUIPMENT/DROGUE PARACHUTE	
ELECTRICAL SYSTEMS	
EMERGENCY EQUIPMENT	
EMERGENCY RADIO	
ENGINES AND CONTROLS	
EXPLOSIVE DEVICES	
F/C MFD (1)	
FLIGHT CONTROLS	
FLIGHT REFERENCE	(NOTE 6)
FUEL SYSTEM	
FUSELAGE COMPARTMENTS	
HYDRAULIC/PNEUMATIC SYSTEM	
ICS	
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)	(NOTE 5)

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F-14D (cont)

INTEGRATED GUIDANCE AND FLIGHT CONTROL
(SAS ROLL/YAW STAB AUG)
LANDING GEAR
LIGHTING SYSTEMS (2 ANTI-COLLISION LIGHTS REQUIRED)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS
POWER PLANT INSTALLATION
RADIO NAVIGATION
UHF COMMUNICATION SYSTEMS (NOTE 4)
WEAPON CONTROL
WEAPON DELIVERY (IMPACTS SAFETY OF FLT I.E. JAMMED GUN)
CONDITIONAL INSPECTION (NOTE 7)
ENGINE INSPECTION (NOTE 7)
PHASE INSPECTION (NOTE 7)
SPECIAL INSPECTION (NOTE 7)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 7)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. ALA MODE AND EMERGENCY JETTISON MODE REQUIRED.
3. INS OR SAHRS CAPABLE.
4. IF ONLY ONE UHF IS OPERABLE, ENTER EOC CODE (L), IF NEITHER UHF IS OPERABLE, ENTER EOC CODE (Z).
5. ALTIMETER, PRESSURE (BOTH COCKPITS), AIRSPEED INDICATOR (BOTH COCKPITS), TURN-AND-SLIP INDICATORS, VSI (VERTICAL SPEED INDICATOR), CLOCK, WET COMPASS AND CARD.
6. ANGLE-OF-ATTACK, CADC (CENTRAL AIR DATA COMPUTER), CIU (COMPUTER INTERFACE UNIT).
7. AS APPLICABLE PER REFERENCE (c).

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F-5E/F-5F
TYPE EQUIPMENT CODES: AFXA/AFXB

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

FUEL SYSTEM (EXTERNAL)
STORES JETTISON SYSTEM (EXTERNAL)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the Dissimilar Air Combat Maneuvering (DACM) Training/Instructor Under Training (IUT) mission. The aircraft is not capable of providing DACM adversary services to all Atlantic/Pacific Fleet fighter squadrons including USMC and USAF units or conducting internal squadron training to qualify pilots as ACM instructors. The aircraft is PMC, M or S.

ACMR POD
GUN CAMERA (IF EQUIPPED)
GUN SYSTEM (20 MM) (IF EQUIPPED)
MISSILE SYSTEM
OPTICAL SIGHT DISPLAY
RADAR APQ 159/153 (IF EQUIPPED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the aircraft Familiarization (FAM) Training mission. The aircraft is not capable of providing training for initial pilot qualification in the F-5E prior to commencing IUT. The aircraft is PMC, M or S.

ALTIMETER (CABIN)
CLOCK
COCKPIT LIGHTING (NIGHT-TIME ONLY)
NAVIGATIONAL/LANDING/TAXI LIGHTS
STANDBY GYRO
STANDBY MAGNETIC COMPASS
VERTICAL VELOCITY INDICATOR

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight

010000Z

F-5E/F-5F (cont)

operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ACCELEROMETER
ENGINE ANTI-ICE
IFF/SIF

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
AIRSPEED INDICATOR
AOA
BOMBING NAVIGATION
CADC
DIRECTIONAL GYRO
DRAG CHUTE
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HSI
HYDRAULIC/PNEUMATIC SYSTEM
ICS (F-5F ONLY)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS
PITCH AUGMENTATION
POWER PLANT INSTALLATION
PRESSURE ALTIMETER INDICATOR
SERVO ALTIMETER (AAV-19)

1992

F-5E/F-5F (cont)

TACAN

UHF

VHF COMMUNICATION SYSTEMS

YAW AUGMENTATION

CONDITIONAL INSPECTION

(NOTE 1)

ENGINE INSPECTION

(NOTE 1)

PHASE INSPECTION

(NOTE 1)

SPECIAL INSPECTION

(NOTE 1)

TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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UH-1E/TH-1L/HH-1K
 TYPE EQUIPMENT CODES: AHAF/AHAK/AHAN

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIRCRAFT FURNISHINGS (NOTE 1)
 ENGINE SCREEN AND PARTICLE SEPARATOR
 FORMATION LIGHTS (UH-1E)
 HOIST (BALLISTIC CABLE CUTTER INSTALLED)
 PSYCHOLOGICAL OPERATIONS SPEAKER SYSTEM
 (NA TO HH-1K)
 RANGE EXTENSION TANKS (NOTE 2)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the fleet/combat support mission. The aircraft is not capable of operating in a hostile environment, using organic weapons and countermeasure devices (infrared/chaff) or conducting secure voice communications. The aircraft is PMC, M or S.

ARMORED SEATS (PILOT AND COPILOT WITH SLIDING
 SIDE PANELS)
 DEFENSIVE ECM (ALE-29 CHAFF) (NA TO HH-1K)
 HEATER/DEFROSTER VENTILATION SYSTEM (COLD WEATHER
 OPERATIONS)
 HF COMMUNICATION
 FM COMMUNICATION
 ICS (CREW)
 INFRARED SUPPRESSION (NA TO HH-1K)
 KY-28 ENCODER
 WEAPONS DELIVERY/ARMAMENT (NOTE 3)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the MEDEVAC mission. The aircraft is not capable of day/night search operations or conducting MEDEVAC of ambulatory and nonambulatory medical evacuees. The aircraft is PMC, M or S.

LITTER

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the personnel and internal

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UH-1E/TH-1L/HH1K (cont)

cargo transport mission. The aircraft is not capable of internal transport of personnel/cargo from staging areas on ship and shore. The aircraft is PMC, M or S.

TROOP SEATS (WHEN INSTALLED)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the external cargo transport mission. The aircraft is PMC, M or S.

CARGO HOOK SYSTEM
PENDANT ASSY

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off ship during day, night and inclement weather conditions using encrypted IFF. The aircraft is PMC, M or S.

DROOP STOPS
ROTOR BRAKES
SECURE IFF

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ATTITUDE GYRO	(NOTE 4)
BDHI	(NOTE 4)
CLOCK WITH SWEEP SECOND HAND	
DIRECTION GYRO	(NOTE 4)
ENCODING ALTIMETER	
ENGINE ANTI-ICE	
FLIGHT INSTRUMENTS	(NOTE 4)
IFF/SIF	
LF/ADF	
LIGHTING (INTERNAL AND EXTERNAL)	(NOTE 4)
PITOT HEAT	
RADAR ALTIMETER	(NOTE 4)
TACAN	
TRIM GRADIENT	(NOTE 4)
UHF/ADF	
VERTICAL SPEED INDICATOR	(NOTE 4)

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UH-1E/TH-1L/HH-1K (cont)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME	
ELECTRICAL SYSTEMS	(NOTE 5)
EMERGENCY EQUIPMENT	
EMERGENCY RADIO	
ENGINES	
EXPLOSIVE DEVICES	
FLIGHT CONTROLS	
FUEL SYSTEM	
FUSELAGE COMPARTMENTS	
HYDRAULIC SYSTEM	(NOTE 4)
ICS	
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)	(NOTES 4,6)
INTEGRATED GUIDANCE AND FLIGHT CONTROL	
(STAB CONT AGMT SYSTEMS)	
LANDING GEAR	
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)	
MISCELLANEOUS UTILITIES	
POWER PLANT INSTALLATION	
POWER TRANSMISSION	
RAM AIR DISTRIBUTION SYSTEM	
ROTOR SYSTEM	
UHF/VHF COMMUNICATION SYSTEMS (1 UHF/VHF REQUIRED)	(NOTE 7)
CONDITIONAL INSPECTION	(NOTE 7)
ENGINE INSPECTION	(NOTE 7)
PHASE INSPECTION	(NOTE 7)
SPECIAL INSPECTION	(NOTE 7)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 7)

NOTES:

1. INCLUDES SOUNDPROOFING, CREW SEAT BELTS, BLACKOUT PANELS ELECTRIC BLANKETS.
2. REQUIRED HARD MOUNT RACKS FOR EXTERNAL STORES. NOTE APPLICABLE WITH WEAPONS SUBSYSTEM INSTALLED.
3. PILOT STATION ROCKET SIGHT/COPILOT FLEXIBLE GUN SIGHT, CREW DOOR MOUNT WITH EITHER .50 CALIBER, M-60, OR MINI-GUN, EXTERNAL MOUNTED ROCKET/GUN SYSTEM.

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UH-1E/TH-1L/HH-1L (cont)

4. PILOT/COPILOT EXCEPT WHEN FLOWN AS SINGLE PILOTED AIRCRAFT.
5. PORTABLE FIRE BOTTLE, FIRST AID KITS.
6. AIRSPEED, ALTIMETER, MAGNETIC COMPASS (STANDBY).
7. AS APPLICABLE PER REFERENCE (c).

Enclosure (1)

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AH-1J

TYPE EQUIPMENT CODE: AHAM

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF/LF
ENVIRONMENTAL CONTROL UNIT

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the close-in fire support mission. The aircraft is not capable of providing armed escort flights in support of personnel and cargo carrying helicopters, conducting visual armed reconnaissance, providing escort and suppressive fire for surface convoys and other ground unit operations, or providing anti-air protection during assault support combat escort. The aircraft is PMC, M or S.

LAUNCH CONTROL SYSTEM (AIM-9)
GUN TURRET SYSTEM
OPTICAL SIGHT (PILOT)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the area fire suppression mission. The aircraft is not capable of providing area suppressive fire support or providing target marking and airborne direction for the attack of surface targets by high performance aircraft. The aircraft is PMC, M or S.

ARMAMENT SYSTEM (EXTERNAL)
FM HOMER (NOTE 1)
NAVY AERIAL ROCKET CONTROL AND DELIVERY SYSTEM
(NARCADS)
OPTICAL SIGHT (COPILOT)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the observation mission. The aircraft is not capable of providing artillery and naval gunfire spotting or providing technical air coordination (airborne). The aircraft is PMC, M or S.

CHAFF/FLARE DISPENSER (ALE-39) (NOTE 1)
GUNNER COCKPIT INSTRUMENTS AND LIGHTS
INFRARED SUPPRESSION SYSTEM
IR JAMMER (ALQ-144) (NOTE 1)

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AH-1J (cont)

RADAR JAMMER (ALQ-136	(NOTE 1)
RADAR WARNING SET (APR-39)	(NOTE 1)
RADAR WARNING SET (APR-44)	(NOTE 1)
SECURE VOICE	(NOTE 1)
VHF (FM)	

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions or using encrypted IFF. The aircraft is PMC, M or S.

IFF/SIF	
KIT-1A	(NOTE 1)
ROTOR BRAKE	
TACAN	

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ATTITUDE INDICATOR (PILOT)
CLOCK WITH SWEEP SECOND HAND
DIRECTIONAL GYRO (PILOT)
EXTERIOR LIGHTS (LANDING OR SEARCH LIGHT REQUIRED)
IFF (MODE 3 ONLY)
INTERIOR LIGHTING (PILOT)
MAGNETIC COMPASS
PITOT HEATER
RADAR ALTIMETER
UHF
VERTICAL SPEED INDICATOR (PILOT)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT

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AH-1J (cont)

EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 2)
INTEGRATED GUIDANCE AND FLIGHT CONTROL
(STAB CONT AGMT SYSTEM)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
MISCELLANEOUS UTILITIES
POWER PLANT INSTALLATION
POWER TRANSMISSION
RAM AIR VENTILATING SYSTEM
ROTOR SYSTEM
UHF/VHF COMMUNICATION SYSTEMS (1 UHF/VHF REQUIRED)
WEAPON DELIVERY (AS REQUIRED FOR WEIGHT AND BALANCE ONLY) (NOTE 3)
CONDITIONAL INSPECTION (NOTE 3)
ENGINE INSPECTION (NOTE 3)
PHASE INSPECTION (NOTE 3)
SPECIAL INSPECTION (NOTE 3)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 3)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. PILOT FLIGHT INSTRUMENTATION.
3. AS APPLICABLE PER REFERENCE (c).

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UH-1N
TYPE EQUIPMENT CODE: AHAP

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF/LF	
AMPLIFIER SOUND SYSTEM	(NOTE 1)
AUXILIARY FUEL SYSTEM	(NOTE 2)
HEATHER SYSTEM	(NOTE 2)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the logistics support mission. The aircraft is not capable of providing front line casualty evacuation, augmenting local search and rescue facilities or conducting emergency aerial supply and resupply. The aircraft is PMC, M or S.

AFCS	(NOTE 1)
HOIST	(NOTE 1)
HOOK	(NOTES 1,2)
LITTER KIT	(NOTE 1)
SAR EQUIPMENT (MINIMUM PER NWP 19-1)	

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the utility helicopter support mission. The aircraft is not capable of providing airborne control or tactical air support operations as required for command and control of providing courier service. The aircraft is PMC, M or S.

ARMOR	(NOTE 1)
CHAFF/FLARE DISPENSER (ALE-39)	(NOTE 1)
DEFENSIVE ARMAMENT	(NOTE 1)
FM HOMER	(NOTE 1)
IR JAMMER (ALQ-144)	(NOTE 1)
RADAR WARNING SET (APR-39)	(NOTE 1)
RADAR WARNING SET (APR-44)	(NOTE 1)
SECURE UHF (KY-28)	(NOTE 1)
VHF (FM)	

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility

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UH-1N (cont)

mission. The aircraft is not capable of safe movement on and off ship during day, night and inclement weather conditions or using encrypted IFF. The aircraft is PMC, M or S.

HF RADIO	(NOTE 1)
IFF/SIF (KIT 1A)	(NOTE 1)
INSTRUMENTATION AND LIGHTS (COPILOT)	
ROTOR BRAKE	

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ATTITUDE INDICATOR (PILOT)	
CLOCK WITH SWEEP SECOND HAND	
DIRECTIONAL GYRO (PILOT)	
EXTERNAL LIGHTS (LANDING OR SEARCH LIGHT REQUIRED)	
IFF (MODE 3)	
INTERNAL LIGHT (PILOT ONLY)	
MAGNETIC COMPASS	
PITOT HEATER	
RADAR ALTIMETER (PILOT)	(NOTE 3)
TACAN OR VOR	
TURN-AND-SLIP INDICATOR (PILOT)	
UHF/VHF COMMUNICATION SYSTEM (1 UHF/VHF REQUIRED)	
VERTICAL SPEED INDICATOR (PILOT)	
VHF (AM)	(NOTE 1)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FUEL SYSTEM

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UH-1N (cont)

FUSELAGE COMPARTMENTS	
HYDRAULIC SYSTEM	
ICS	
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)	(NOTE 4)
INTEGRATED GUIDANCE AND FLIGHT CONTROL	
(STAB CONT AGMT SYSTEM)	(NOTE 1)
LANDING GEAR	
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)	
MISCELLANEOUS UTILITIES	
POWER PLANT INSTALLATION	
POWER TRANSMISSION	
ROTOR SYSTEM	
UHF/VHF COMMUNICATION SYSTEMS (1 UHF/VHF REQUIRED)	
CONDITIONAL INSPECTION	(NOTE 5)
ENGINE INSPECTION	(NOTE 5)
PHASE INSPECTION	(NOTE 5)
SPECIAL INSPECTION	(NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. WHEN DEPLOYED EOC CODE WILL BE (J).
3. WHEN DEPLOYED EOC CODE WILL BE (Z).
4. PILOT FLIGHT INSTRUMENTATION.
5. AS APPLICABLE PER REFERENCE (c).

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AH-1T TOW
TYPE EQUIPMENT CODE: AHAV

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF/LF
ADF/UHF
ENVIRONMENTAL CONTROL UNIT

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the anti-armor (TOW only) mission. The aircraft is not capable of protective escort of ground forces against armor or neutralizing hard point targets. The aircraft is PMC, M or S.

ARTICULATING PYLONS
BUILT IN TEST (BIT)
ELECTRICAL POWER SUPPLY (EPS)
FIRE CONTROL SYSTEM HELMET DIRECTED (FCSHD)
INTERFACE CONTROL UNIT (IFCU)
MISSILE COMMAND AMPLIFIER (MCA)
PILOT STEERING INDICATOR (PSI)
STABILIZATION CONTROL AMPLIFIER (SCA)
SERVO ELECTRONIC CONTROL UNIT (SECU)
SIGHT HAND CONTROL (SHC)
TELESCOPE SIGHT UNIT (TSU)
TOW
TWO CONTROL PANEL (TCP)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the close-in fire support mission. The aircraft is not capable of providing armed escort flights in support of personnel and cargo carrying helicopters, conducting visual armed reconnaissance or providing escort and suppressive fire for surface convoys and other ground unit operations. The aircraft is PMC, M or S.

AUTOMATIC GUN (M197 20MM)
DECLUTCHING FEEDER (M89E1)
GUN TURRET SYSTEM
OPTICAL SIGHT (COPILOT)
TURRET (GTU 1A)

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AH-1T TOW (cont)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the area fire suppression mission. The aircraft is not capable of providing area suppressive fire support or conducting target marking and airborne direction for the attack of surface targets by high performance aircraft. The aircraft is PMC, M or S

EXTERNAL ARMAMENT

FM HOMER

(NOTE 1)

NORCADS

OPTICAL SIGHT (PILOT)

TSU (TELESCOPIC SIGHT UNIT)

(NOTE 2)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the observation mission. The aircraft is not capable of providing artillery and Naval Gun Fire Support information (NGFS) or providing technical air coordination (airborne). The aircraft is PMC, M or S.

CHAFF/FLARE DISPENSER (ALE-39)

(NOTE 1)

GUNNER COCKPIT INSTRUMENTS AND LIGHTS

INFRARED SUPPRESSION SYSTEM

(NOTE 1)

IR JAMMER (ALQ-144)

(NOTE 1)

SECURE VOICE

(NOTE 1)

RADAR JAMMER (ALQ-136)

(NOTE 1)

RADAR WARNING SET (APR-39)

(NOTE 1)

RADAR WARNING SET (APR-44)

(NOTE 1)

VHF/FM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off ship during day, night and inclement weather conditions or using encrypted IFF. The aircraft is PMC, M or S.

IFF (MODE 2)

KIT 1A (MODE 4)

ROTOR BRAKE

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

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AH-1T TOW (cont)

ATTITUDE INDICATOR (PILOT)
CLOCK WITH SWEEP SECOND HAND
EXTERNAL LIGHTS (LANDING OR SEARCH LIGHT REQUIRED)
IFF (MODE 3A ONLY)
INTERIOR LIGHTING (PILOT)
PITOT HEATER
POSITION LIGHTS (NAVIGATION)
RADAR ALTIMETER
RADIO MAGNETIC COMPASS SYSTEM
VERTICAL SPEED INDICATOR (PILOT)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)
INTEGRATED GUIDANCE AND FLIGHT CONTROL (STAB
CONT AGMT SYSTEM)
LANDING GEAR
LIGHT SYSTEMS (ANTI-COLLISION LIGHT)
MISCELLANEOUS UTILITIES
POWER PLANT INSTALLATION
POWER TRANSMISSION
RAM AIR VENTILATING SYSTEM
ROTOR SYSTEM
UHF COMMUNICATIONS SYSTEMS (1 REQUIRED)
WEAPON DELIVERY (AS REQUIRED FOR WEIGHT AND BALANCE ONLY)
CONDITIONAL INSPECTION (NOTE 4)
ENGINE INSPECTION (NOTE 4)
PHASE INSPECTION (NOTE 4)

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AH-1T TOW (cont)

SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 4)

(NOTE 4)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. TSU REQUIRED UNTIL TSU SIMULATOR AND ADAPTER CABLES DEVELOPED AND AVAILABLE.
3. FLIGHT INSTRUMENTS: AIRSPEED INDICATOR, PRESSURE ALTIMETER AND MAGNETIC/STANDBY COMPASS.
4. AS APPLICABLE PER REFERENCE (c).

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AH-1W
TYPE EQUIPMENT CODE: AHAX

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF/LF
AURAL ALERT UNIT
AUXILIARY FUEL SYSTEM (NOTE 1)
DF-301
ENVIRONMENTAL CONTROL UNIT (NOTE 2)
FORMATION LIGHTS
RADAR BEACON
VIBRATION SUPPRESSION SYSTEM (VSS) (NOTE 3)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative, preventing the anti-armor (TOW-Hellfire) mission. The aircraft is not capable of protective escort of ground forces against armor or neutralizing hard point targets. The aircraft is PMC, M or S.

ARTICULATING PYLONS
ELECTRICAL POWER SUPPLY (EPS)
FULL FUNCTION SIGNAL PROCESSOR (FFSP)
HEAD UP DISPLAY (HUD) (NOTE 4)
HELLFIRE PILOT CONTROL PANEL (HPCP)
HELMET SIGHT SYSTEM (HSS)
INTERFACE CONTROL UNIT (IFCU)
MISSILE COMMAND AMPLIFIER (MCA)
MULTIPLEX REMOTE TERMINAL UNIT (MRTU)
REMOTE HELLFIRE ELECTRONICS (RHE)
SERVO ELECTRONIC CONTROL UNIT (SECU)
SIGHT HAND CONTROL (SHC)
STABILIZATION CONTROL AMPLIFIERS (SCA)
TOW
TOW HELLFIRE CONTROL DISPLAY PANEL (THCDP)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative, preventing the close-in fire support mission. The aircraft is not capable of providing armed escort flight in support of personnel and cargo carrying helicopters, air-to-air defense, conducting visual armed reconnaissance or providing escort and suppressive fire for surface convoys and other ground unit operations in a high threat environment. The aircraft is PMC, M or S.

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AH-1W (cont)

DECLUTCHING FEEDER (M89E1)	
CHAFF/FLARE DISPENSER (ALE-39)	(NOTE 1)
COCKPIT CONTROL UNIT (CCU)	
FFSP	
HUD	
HUD INTERFACE CONTROL UNIT (AIM-9)	
ICU	
IR JAMMER (ALQ-144)	(NOTE 1)
GUN (M197 20MM AUTOMATIC)	
MISSILE SYSTEM (AIM-9)	
PRU	
RADAR WARNING SET (APR-39)	(NOTE 1)
RADAR WARNING SET (APR-44)	(NOTE 1)
TELESCOPIC SITE UNIT	(NOTE 3)
TURRET (GTU 1A)	(NOTE 3)
TURRET SYSTEM (GUN)	

Assign alpha character (E) of the EOC code when the following system(s) are inoperative, preventing area fire suppression mission. The aircraft is not capable of providing area suppressive fire support or conducting target warning and airborne direction for the attack of surface targets by high performance aircraft. The aircraft is PMC, M or S.

COCKPIT INSTRUMENTS AND LIGHTS (PILOT/GUNNER)
EXTERNAL ARMAMENT
NARCADS
UHF RADIO (BOTH REQUIRED)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative, preventing the observation mission. The aircraft is not capable of providing artillery and naval gunfire spotting or providing tactical air coordination (airborne). The aircraft is PMC, M or S.

SECURE VOICE (KY-28 OR 58 AS APPLICABLE) (NOTE 1)
UHF/VHF RADIO (BOTH REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative, preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off ship during day, night and inclement weather conditions or using encrypted IFF. The aircraft is PMC, M or S.

IFF (MODE 2)
KIT-1A (MODE 4) (NOTE 1)

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AH-1W (cont)

ROTOR BRAKE
TACAN

(NOTE 5)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative, preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ATTITUDE INDICATOR (PILOT)
CLOCK WITH SWEEP SECOND HAND
EXTERNAL LIGHTS
IFF (MODE 3A ONLY)
INTERNAL LIGHTING (PILOT)
PITOT HEATER
POSITION LIGHTS (NAVIGATION)
RADAR ALTIMETER
RADIO MAGNETIC COMPASS SYSTEM
SEARCH LIGHT
TACAN
VERTICAL SPEED INDICATOR (PILOT)
WET COMPASS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communications and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ANTI-COLLISION LIGHT
CANOPY JETTISON SYSTEM
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY UHF SWITCH (GUNNER)
ENGINES
FIRE BOTTLE ACTIVATION DEVICE (CAD)
FLIGHT CONTROLS
FUEL SYSTEM
HYDRAULIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 6)
INTEGRATED GUIDANCE AND FLIGHT CONTROL
(STABILIZATION CONTROL AUGMENTATION SYSTEM)

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AH-1W (cont)

LANDING GEAR	
POWER PLANT INSTALLATION	
POWER TRANSMISSION	
ROTOR SYSTEM	
UHF COMMUNICATION SYSTEMS (COMMAND REQUIRED)	
WEAPON DELIVERY (AS REQUIRED FOR WEIGHT AND BALANCE ONLY)	
WING STORES JETTISON (CAD)	(NOTE 7)
CONDITIONAL INSPECTION	(NOTE 8)
ENGINE INSPECTION	(NOTE 8)
PHASE INSPECTION	(NOTE 8)
SPECIAL INSPECTION	(NOTE 8)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 8)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. COCKPIT RAM AIR MUST BE OPERATIVE.
3. A DUMMY TURRET, DUMMY TELESCOPIC SITE UNIT (TSU) AND BALLAST IS REQUIRED TO BE INSTALLED WHEN THE TURRET, TSU OR VSS IS REMOVED. THIS IS REQUIRED TO MAINTAIN CENTER OF GRAVITY (CG) REQUIREMENTS.
4. EXCLUSIVE OF PILOT AND COPILOT GAGES.
5. WHEN INVOLVED IN SHIPBOARD OPERATIONS.
6. FLIGHT INSTRUMENTS REQUIRED: AIRSPEED INDICATOR, BAROMETRIC ALTIMETER AND STANDBY COMPASS
7. WHEN EXTERNAL STORES ARE CARRIED.
8. AS APPLICABLE PER REFERENCE (c).

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HH-2D

TYPE EQUIPMENT CODE: AHBE

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

BACKUP RADIO (UHF/VHF/HF AS APPROPRIATE)
HEATING/DEFOGGING SYSTEM
SUIT BLOWER (ALL CREW MEMBERS)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the fleet support mission. The aircraft is not capable of transmitting NGFS information via secure UHF, conducting Vertical Replacement (VERTREP) or conducting IMC/night SAR. The aircraft is PMC, M or S.

CARGO HOOK SYSTEM
CNI INTEGRATED PACKAGE (SECURE UHF)
NAVIGATION COMPUTER (ASA-13)
PLOTING BOARD (PT-429/ASA)
RADAR NAVIGATION (APN-130)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off the ship during day, night and inclement weather conditions, using encrypted IFF, in-flight refueling or conducting day SAR. The aircraft is PMC, M or S.

AIRBORNE FUELING ADAPTER (HIFR CAPABLE)
BLADE FOLD (BLADE RETENTION ASSEMBLY)
DIRECTION FINDER (ARA-23) (UHF/LF/DF)
DITCHING GEAR DEVICES
FUEL PRESSURIZATION SYSTEM/BLEED AIR/AUXILIARY FUEL TANKS
PERSONNEL HOIST/CABLE
SAR EQUIPMENT (MINIMUM PER NWP 19-1)
TRANSPONDER SET (APX-72) (IFF MODE 4)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communications, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

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HH-2D (cont)

AUTOMATIC STABILIZATION EQUIPMENT (LAT/LONG)
CLOCKS (2 REQUIRED)
FLIGHT INDICATORS
FLIGHT REFERENCE (ASN-50 OR ASN-73) (2 REQUIRED)
GENERATORS (2 REQUIRED)
LIGHTING SYSTEM (INTERNAL/EXTERNAL)
NAVIGATIONAL INDICATORS (BDHI/RMI) (2 REQUIRED)
RADAR ALTIMETER
RADIO NAVIGATION (ARN-52)
RAWS (APQ-107)
TRANSPONDER SET (APX-72) (IFF MODE 1,2,3 AND C)
WINDSHIELD ANTI-ICE DEFOGGING/WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE (MA-1)
FUEL SYSTEM (INTERNAL)
FUSELAGE COMPARTMENTS
HF COMMUNICATION SYSTEMS
HYDRAULIC SYSTEM
ICS (FOR EACH CREW MEMBER)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
INTEGRATED GUIDANCE AND FLIGHT CONTROL
LANDING GEAR
LIGHT SYSTEMS (ANTI-COLLISION LIGHT)
MISCELLANEOUS UTILITIES
POWER PLANT INSTALLATION
POWER TRANSMISSION
ROTOR SYSTEM
UHF COMMUNICATION SYSTEMS
VHF COMMUNICATION SYSTEMS
CONDITIONAL INSPECTION

(NOTE 1)

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HH-2D (cont)

ENGINE INSPECTION	(NOTE 1)
PHASE INSPECTION	(NOTE 1)
SPECIAL INSPECTION	(NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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SH-2F
TYPE EQUIPMENT CODE: AHBH

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

CARGO HOOK SYSTEM
HEATING SYSTEM
SONOBUOY LAUNCHER (15 TUBES)
UHF COMMUNICATION (ARC-159) (2 REQUIRED)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full Anti-Submarine Warfare (ASW) mission. The aircraft is not capable of receiving and transmitting four channels of acoustic data, conducting optimal Magnetic Anomaly Detection (MAD), launching sonobuoys from at least thirteen launcher tubes. The aircraft is PMC, M or S.

DETECTING SET (ASQ-81) (SLN LESS THAN 0.05)
MARINE MARKER LAUNCHER (MK-25)
RADIO RECEIVING SET (ARR-75) (4 CHANNELS)
SONOBUOY LAUNCHER (13 TUBES)
TELEMETRY SYSTEM (4 CHANNELS) (AKT-22)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the anti-ship surveillance targeting and surface/subsurface surveillance mission. The aircraft is not capable of providing surface radar target positions for over the horizon targeted ship-launched missiles, conducting radar surface surveillance and visual reconnaissance for contact classification, conducting identification and reporting ESM detection and classification or performing naval gun fire support. The aircraft is PMC, M or S.

ESM RECEIVING SET (ALR-54) OR COUNTERMEASURES
RECEIVING SET (ALR-66) (NOTE 2)
HP RADAR SET (LN-66)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the basic ASW readiness mission. The aircraft is not capable of using aircraft acoustic sensors and MAD, receiving and processing at least two channels of acoustical data, locating deployed sonobuoys, encrypted UHF communication, using all on board navigational

9 1 30 100

SH-2F (cont)

systems, launching sonobuoys from at least two launcher tubes or conducting night/IMC SAR. The aircraft is PMC, M or S.

CNI INTEGRATED PACKAGE (SECURE UHF)
 MAD REELING MACHINE ASSEMBLY
 MAG DISTORTION RECORDER (RO-32)
 MAGNETIC DETECTING SET (ASQ-81) (SLN LESS THAN 0.1)
 ON TOP POSITION INDICATOR GROUP
 RADIO RECEIVING SET (ARR-75) (2 CHANNELS)
 RADAR NAVIGATION (APN-182)
 RECORDING GROUP (ASA-26)
 SAR EQUIPMENT (MINIMUM PER NWP 19-1)
 SONOBUOY LAUNCHER (10 TUBES)
 TACNAV (AN/ASN-123)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic conventional weapon delivery mission. The aircraft is not capable of all basic ASW attack functions based on visual or vectored targeting for delivering ordnance from at least one station. The aircraft is PMC, M or S.

AUXILIARY TANK
 WEAPONS CONTROL SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions, using encrypted IFF, in-flight refueling or conducting day SAR. The aircraft is PMC, M or S.

AIRBORNE FUELING ADAPTER (HIFR CAPABLE)
 AUTOMATIC STABILIZATION EQUIPMENT (LAT/LONG/YAW/BAR ALT)
 AUXILIARY FUEL TANKS
 BLADE FOLD (BLADE RETENTION ASSEMBLY)
 DIRECTION FINDER (ARA-25) (UHF/DF)
 FUEL PRESSURIZATION SYSTEM/BLEED AIR
 PERSONNEL HOIST ASSEMBLY
 SAR EQUIPMENT (MINIMUM PER NWP 19-1)
 TRANSPONDER SET (APX-72) (IFF MODE 4)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation,

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SH-2F (cont)

flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AUTOMATIC STABILIZATION EQUIPMENT (LAT/LONG)
AUXILIARY FLIGHT INDICATORS
ENGINE ANTI-ICE
FLIGHT REFERENCE (ASN-50 OR ASN-73) (2 REQUIRED)
GENERATORS (2 REQUIRED)
LIGHTING SYSTEM (INTERNAL/EXTERNAL)
NAVIGATIONAL INDICATORS (BDHI/RMI) (2 REQUIRED)
RADAR ALTIMETER (APN-171)
RADIO NAVIGATION (ARN-52 OR ARN-118)
RAWS (APQ-107)
TRANSPONDER SET (APX-72) (IFF MODE 1,2,3 AND C)
WINDSHIELD ANTI-ICE/DEFOGGING/WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE (ASN-50/ASN-73) (1 REQUIRED)
FUEL SYSTEM (INTERNAL)
FUSELAGE COMPARTMENTS
HYDRAULIC SYSTEM
ICS (FOR EACH CREW MEMBER)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)
INTEGRATED GUIDANCE AND FLIGHT CONTROL (ASN-73)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
MISCELLANEOUS UTILITIES
POWER PLANT INSTALLATION
POWER TRANSMISSION
ROTOR SYSTEM
UHF COMMUNICATION SYSTEMS (1 REQUIRED)
CONDITIONAL INSPECTION (NOTE 4)

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SH-2F (cont)

ENGINE INSPECTION	(NOTE 4)
PHASE INSPECTION	(NOTE 4)
SPECIAL INSPECTION	(NOTE 4)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 4)

NOTES:

1. RATE OF CLIMB INDICATOR (2), TURN AND SLIP INDICATOR (2), RAI (2), GYRO (2), CLOCKS (2).
2. USE ONLY WHEN SYSTEM IS INSTALLED.
3. AAU-24/21 ALTIMETER, AIRSPEED INDICATORS, RAI (PILOT), GYRO (PILOT).
4. AS APPLICABLE PER REFERENCE (c).

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SH-2G
TYPE EQUIPMENT CODE: AHBL

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AQH-9 MISSION RECORDER (NOTE 1)
ARC-159 UHF RADIO SYSTEM (2 OF 2 REQUIRED)
CARGO HOOK SYSTEM
EMERGENCY LOCATOR TRANSMITTER
HEATING SYSTEM
SONOBUOY LAUNCHER (14 OF 15 TUBES REQUIRED)
TROOP SEATS

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the FULL ANTISUBMARINE WAREFARE (ASW) MISSION. The aircraft is not capable of receiving and/or transmitting four channels of acoustic data, conducting optimal Magnetic Anomaly Detection (MAD), launching sonobuoys from at least 13 launcher tubes or conducting encrypted communications. The aircraft is PMC, M or S.

AKT-22(V) TELEMETRY SYSTEM (4 OF 4 CHANNELS REQUIRED)
ARR-84 RADIO RECEIVING SET (4 OF 4 CHANNELS REQUIRED)
ASQ-188 WEAPON CONTROL SYSTEMS
ASQ-81(V) MAGNETIC ANOMALY DETECTING (MAD) SET
(SLN LESS THAN 0.05 REQUIRED)
KY-58 SECURE SPEECH (NOTE 1)
MK-25 MARINE MARKER LAUNCHER
UYS-503 ACOUSTIC PROCESSOR (4 OF 4 SLICES REQUIRED)
SONOBUOY LAUNCHER (13 OF 15 TUBES REQUIRED)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing ANTI-SHIP SURVEILLANCE TARGETING (ASST) AND SURFACE/SUBSURFACE SURVEILLANCE (ASUW) mission. The aircraft is not capable of: detecting, localizing and tracking surface targets utilizing onboard radar systems; determining target classification and/or identification; reporting ESM detection and classification; detecting, disengaging, evading or avoiding surface/air attack; or performing naval gunfire support. The aircraft is PMC, M or S.

AAQ-16 FORWARD LOOKING INFRARED (NOTE 1)
AAR-47 MISSILE WARNING SET (NOTE 1)

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SH-2G (cont)

ALE-39	CHAFF DISPENSER	(NOTE 1)
ALQ-144	INFRARED JAMMER	(NOTE 1)
ALR-66	ESM RECEIVING SET	
LN-66HP	RADAR SET	

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the BASIC ASW READINESS mission. The aircraft is not capable of using aircraft acoustic sensors and MAD, receiving and processing at least two channels of acoustical data, locating deployed sonobuoys, using all on board navigational systems, launching sonobuoys from at least ten launcher tubes or conducting night/IMC SAR. The aircraft is PMC, M or S.

APN-217 RADAR NAVIGATION SET
 ARN-146 ON-TOP POSITION INDICATOR (OTPI)
 ARR-84 RADIO RECEIVING SET (2 OF 4 CHANNELS REQUIRED)
 ASN-150A NAVIGATIONAL COMPUTER
 ASQ-81(V) MAD SET (SLN LESS THAN 0.1 REQUIRED)
 ASN-150 CONTROL INDICATOR (C-11837) AND DISPLAY CONTROL
 PANEL (C-11838) (1 COMPLETE STATION REQUIRED)
 IP-1546 MFDDI
 IP-1263A DDI
 UYS-503 ACOUSTIC DATA PROCESSOR (2 OF 4 SLICES REQUIRED)
 INTERFACE CONVERTER UNIT
 MAD REELING MACHINE ASSEMBLY
 SONOBUOY LAUNCHER (10 OF 15 TUBES REQUIRED)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the BASIC CONVENTIONAL WEAPON DELIVERY mission. The aircraft is not capable of all basic ASW attack functions based on visual or vectored targeting for the delivery of ordnance from at least one station. The aircraft is PMC, M or S.

AUXILIARY FUEL TANK/WEAPONS CONTROL SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperable preventing the EXPANDED MOBILITY mission. The aircraft is not capable of: safe movement on and off a ship during day, night or inclement weather conditions; being safely stowed on a ship; extended ranges/mission; in-flight refueling; identification as a friendly unit; conducting SAR; providing fleet transportation/logistic services. The aircraft is PMC, M or S.

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SH-2G (CONT)

ARC-159 UHF RADIO #1 (ADF CAPABILITY required)
APX-72/KIT-1A/TSEC TRANSPONDER SET (IFF MODE 4) (NOTE 1)
DF-301E DIRECTION FINDER
AUTO STABILIZATION EQUIPMENT (LAT/LONG/YAW/BAR ALT)
AUXILIARY FUEL TANKS
BLADE FOLD (BLADE RETENTION ASSEMBLY)
FLIGHT INSTRUMENTS (MINIMUM AIRCRAFT EQUIPMENT IN ACCORDANCE
WITH NA 01-260HCD-1 (NATOPS) PARAGRAPH 9.7)
FUEL PRESSURIZATION SYSTEM/BLEED AIR
HIFR
PERSONNEL HOIST ASSEMBLY
SAR EQUIPMENT (MINIMUM SAR AIRCRAFT EQUIPMENT IAW NWP 19-1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC FLIGHT mission. The aircraft is not capable of day or night IMC flight operations with necessary communications, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

APN-171 RADAR ALTIMETER
APQ-107 RAWS
APX-72 TRANSPONDER SET (IFF MODES 1, 2, 3 AND C REQUIRED)
ARN-118 RADIO NAVIGATION
ASN-50 COMPASS SYSTEM/FLIGHT REFERENCE
AUTOMATIC STABILIZATION EQUIPMENT (LAT/LONG REQUIRED)
ENGINE ANTI-ICE
FLIGHT INSTRUMENTS (MINIMUM AIRCRAFT EQUIPMENT IN ACCORDANCE
WITH NA 01-260HCD-1 (NATOPS) PARAGRAPH 8.34.2.1)
GENERATORS (2 OF 2 REQUIRED)
LIGHTING SYSTEMS (INTERNAL/EXTERNAL)
NAVIGATIONAL INDICATORS (HSI) (2 OF 2 REQUIRED)
WINDSHIELD ANTI-ICE DEFOGGING/WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being SAFELY FLYABLE. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIC-14 ICS (FOR EACH CREW MEMBER)
ARC-159 UHF RADIO SYSTEMS (1 OF 2 REQUIRED)
AIRFRAME

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SH-2G (cont)

AUXILIARY POWER UNIT
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FUEL SYSTEM (INTERNAL)
FUSELAGE COMPARTMENTS
HYDRAULIC SYSTEMS
INSTRUMENTS/INSTRUMENT SYSTEMS
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT 2 OF 2 REQUIRED)
MISCELLANEOUS UTILITIES
ROTOR BRAKE
ROTOR SYSTEM
POWER PLANT INSTALLATION
POWER TRANSMISSION
CONDITIONAL INSPECTION (NOTE 3)
ENGINE INSPECTION (NOTE 3)
SPECIAL INSPECTION (NOTE 3)
PHASE INSPECTION (NOTE 3)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 3)

NOTES:

1. WHEN EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM.
WHEN EQUIPMENT IS NOT INSTALLED REPORT ON PROVISIONS ONLY —
(WHERE APPLICABLE).
2. MINIMUM REQUIRED INSTRUMENTS FOR DAY/VMC FLIGHT:
ALL ENGINE, APU, AND TRANSMISSION INSTRUMENTS (INCLUDES
TRIPLE TACH);
ALL CAUTION/WARNING SYSTEMS;
FUEL INDICATING SYSTEM;
FOLLOWING PILOT'S FLIGHT INSTRUMENTS: AAU-32/A-1
ALTIMETER, AIRSPEED INDICATOR, ATTITUDE INDICATOR, HSI,
TURN AND SLIP INDICATOR, CLOCK1028/APN-202, OR ILS
3. AS APPLICABLE PER REFERENCE (c).

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VH-3A

TYPE EQUIPMENT CODE: AHCB

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

FM
VOR #2

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the Distinguished Visitor (DV) transport mission. The aircraft is not capable of passenger transport, effecting liaison for flag officers to facilitate command and control of fleet units nor providing direct support for the Commanders in Chief, as required. The aircraft is PMC, M or S.

AIR CONDITIONING
APP
DV INTERIOR
ILS
LF/ADF
UHF
VHF
VOR #1

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions. The aircraft is PMC, M or S.

BLADE FOLD
FLOTATION SYSTEM
ROTOR BRAKE
TACAN
UHF/ADF

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

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VH-3A(cont)

BDHI
 ENGINE ANTI-ICE
 FLIGHT REFERENCE
 ICE SHIELD
 IFF/SIF
 LIGHTING SYSTEM
 MA-1 COMPASS
 PITOT HEAT
 RADAR ALTIMETER
 RAWs
 TURN-AND-SLIP INDICATOR
 VSI
 WINDSHIELD ANTI-ICE
 WINDSHIELD WIPER SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
 ELECTRICAL SYSTEMS
 EMERGENCY EQUIPMENT
 EMERGENCY RADIO
 ENGINES
 EXPLOSIVE DEVICES (NOTE 1)
 FLIGHT CONTROLS
 FLIGHT REFERENCE (MA-1 COMPASS)
 FUEL SYSTEM
 FUSELAGE COMPARTMENTS
 HYDRAULIC/PNEUMATIC SYSTEM
 ICS
 INSTRUMENTS/INSTRUMENT SYSTEM (WUC 51 SERIES) (NOTE 2)
 INTEGRATED GUIDANCE AND FLIGHT CONTROL
 (AUTOMATIC STABILIZATION EQUIPMENT)
 LANDING GEAR
 LIGHT SYSTEMS (ANTI-COLLISION LIGHT, TAIL
 LIGHT AND ADVISORY/WARNING SYSTEM)
 MISCELLANEOUS UTILITIES
 POWER PLANT INSTALLATION
 POWER TRANSMISSION
 ROTOR SYSTEM

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VH-3A (cont)

UHF COMMUNICATION SYSTEMS (1 REQUIRED)	
CONDITIONAL INSPECTION	(NOTE 3)
ENGINE INSPECTION	(NOTE 3)
PHASE INSPECTION	(NOTE 3)
SPECIAL INSPECTION	(NOTE 3)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 3)

NOTES:

1. DOCUMENT CAD REMOVAL FROM THE FIRE EXTINGUISHING SYSTEM WITH EOC ALPHA CHARACTER (Z). DOCUMENT REMOVAL OF ALL OTHER CADS AGAINST EOC ALPHA CHARACTER ASSIGNED TO SPECIFIC SYSTEMS/EQUIPMENT.
2. PITOT STATIC SYSTEM, INDICATED AIRSPEED, PRESSURE ALTIMETER.
3. AS APPLICABLE PER REFERENCE (c).

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SH-3D
TYPE EQUIPMENT CODE: AHCF

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

LF/ADF

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full ASW mission. The aircraft is not capable of using active/passive sonar data processing, reusing R/O active sonobuoys, receiving/transmitting eight-channel acoustical data or HF communication or using all attack system options. The aircraft is PMC, M or S.

HF COMMUNICATION
SONAR BUILT IN TEST EQUIPMENT
TELEMETRY (FULL)
TORPEDO PRESETTER

(NOTE 1)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the basic ASW mission. The aircraft is not capable of using passive sonar, dispensing sonobuoys for search, localizing and fixing (reference navigation), receiving four-channel acoustical data, using MAD system, using the UHF including encryption, or using nuclear weapons or conducting IMC/night search and rescue. The aircraft is PMC, M or S.

ARMAMENT CONTROL PANEL
COUPLER SYSTEM
HOVER TRIM
MAD (ASQ-81)
MARINE MARKER (12)
MULTIPURPOSE RECORDER
ON TOP POSITION INDICATING EQUIPMENT
SAR EQUIPMENT (MINIMUM PER NWP 19-1)
SONAR CABLE ANGLE
SONAR SET (AQS-13) (PASSIVE)
TELEMETRY (4 CHANNEL RECIEVER)

(NOTE 1)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic conventional weapon delivery mission. The aircraft is not capable of all basic ASW attack functions based on visual/vectored targeting

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SH-3D (cont)

for delivering air launched (except hover launch mode) ordnance from at least one station. The aircraft is PMC, M or S.

SPECIAL WEAPONS PANEL
WEAPON DELIVERY SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions, using encrypted IFF and voice communication, in-flight refueling or conducting day/night IMC SAR. The aircraft is PMC, M or S.

BLADE FOLD
DOPPLER NAVIGATION
FLOTATION SYSTEM
HOISTING SYSTEM
NAVIGATOR
ROTOR BRAKE (MANUAL)
SECURE IFF (KIT 1A) (NOTE 1)
SECURE UHF (KY-28) (NOTE 1)
UHF/DF (ARA-25)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AUTOMATIC STABILIZATION EQUIPMENT
ENGINE ANTI-ICING SYSTEM
IFF SYSTEM (LESS KIT 1A)
INSTRUMENTS (NOTE 2)
LIGHTING SYSTEM (INTERNAL/EXTERNAL)
RADAR ALTIMETER
RAWS
TACAN
WINDSHIELD WIPER SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight

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SH-3D (cont)

operations under VMC and two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES (NOTE 3)
FLIGHT CONTROLS
FLIGHT REFERENCE (MA-1 COMPASS/ASN-50)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 4)
INTEGRATED GUIDANCE AND FLIGHT CONTROL (AUTO STAB EQUIPMENT)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT, TAIL LIGHT AND ADVISORY/WARNING SYSTEM)
MISCELLANEOUS UTILITIES
PERSONNEL EQUIPMENT
POWER PLANT INSTALLATION
POWER TRANSMISSION
ROTOR SYSTEM
UHF COMMUNICATION SYSTEM (1 REQUIRED)
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)
SPECIAL INSPECTION (NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. FLIGHT INDICATORS, MISCELLANEOUS FLIGHT INSTRUMENTS, NAVIGATION INSTRUMENTS.

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SH-3D (cont)

3. DOCUMENT CAD REMOVAL FROM THE FIRE EXTINGUISHING SYSTEM WITH EOC ALPHA CHARACTER (Z). DOCUMENT REMOVAL OF ALL OTHER CADS AGAINST EOC ALPHA CHARACTER ASSIGNED TO SPECIFIC SYSTEMS/EQUIPMENT.
4. PITOT STATIC SYSTEM, INDICATED AIRSPEED, PRESSURE ALTIMETER.
5. AS APPLICABLE PER REFERENCE (C).

Enclosure(1)

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UH-3A/SH-3G
TYPE EQUIPMENT CODES: AHCG/AHCK

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ARMAMENT CONTROL PANEL
HF COMMUNICATION
LF/ADF
WEAPONS DELIVERY SYSTEM

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the fleet support mission. The aircraft is not capable of VERTREP, transmitting NGFS information via secure UHF or conducting IMC/night SAR. The aircraft is PMC, M or S.

AUXILIARY FUEL SYSTEM
CARGO SLING SYSTEM
COUPLER SYSTEM
HOVER TRIM
ON TOP POSITION INDICATING EQUIPMENT
SAR EQUIPMENT (MINIMUM PER NWP 19-1)
UHF COMMUNICATION (2 REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions, using encrypted IFF and voice communication, in-flight re-fueling or conducting day/VMC SAR. The aircraft is PMC, M or S.

BLADE FOLD
DOPPLER NAVIGATION
FLOTATION SYSTEM
HOISTING SYSTEM (PERSONNEL)
NAVIGATION
ROTOR BRAKE (MANUAL)
SAR EQUIPMENT (MINIMUM PER NWP 19-1)
SECURE IFF (KIT 1A) (NOTE 1)
SECURE UHF (KY-28) (NOTE 1)
UHF/DF (ARA-25)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission.

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UH-3A/SH-3G (cont)

The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AUTOMATIC STABILIZATION EQUIPMENT
ENGINE ANTI-ICING SYSTEM
IFF SYSTEM
INSTRUMENTS
LIGHTING SYSTEM (INTERIOR/EXTERIOR)
RADAR ALTIMETER
RAWS
TACAN
WINDSCREEN WIPER SYSTEM

(NOTE 2)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE (MA-1 COMPASS)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
INTEGRATED GUIDANCE AND FLIGHT CONTROL
(AUTOMATIC STABILIZATION EQUIPMENT)
INTERMEDIATE GEARBOX INSTALLATION
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT, TAIL
LIGHT AND ADVISORY/WARNING SYSTEM)
MAIN GEARBOX INSTALLATION
MISCELLANEOUS UTILITIES
ROTOR SYSTEM
POWER PLANT INSTALLATION

(NOTE 3)

(NOTE 4)

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UH-3A/SH-3G (cont)

TAIL GEARBOX INSTALLATION	
UHF COMMUNICATION SYSTEMS (1 REQUIRED)	
CONDITIONAL INSPECTION	(NOTE 5)
ENGINE INSPECTION	(NOTE 5)
PHASE INSPECTION	(NOTE 5)
SPECIAL INSPECTION	(NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. FLIGHT INDICATORS, MISCELLANEOUS FLIGHT INSTRUMENTS, NAVIGATION INSTRUMENTS.
3. DOCUMENT CAD REMOVAL FROM THE FIRE EXTINGUISHING SYSTEM WITH EOC ALPHA CHARACTER (Z). DOCUMENT REMOVAL OF ALL OTHER CADS AGAINST EOC ALPHA CHARACTER ASSIGNED TO SPECIFIC SYSTEMS/EQUIPMENT.
4. PITOT STATIC SYSTEM, INDICATED AIRSPEED, PRESSURE ALTIMETER.
5. AS APPLICABLE PER REFERENCE (c).

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HH-3A
TYPE EQUIPMENT CODE: AHCH

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ARMAMENT CONTROL PANEL
ASA-13 (LTN-211)
EXTERNAL FUEL SYSTEM
LF/ADF
WEAPONS DELIVERY SYSTEM

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the fleet support/combat SAR night/IMC flight mission. The aircraft is not capable of night/IMC search/rescue, night/IMC opposed rescues in support of air strike operations, night/IMC helicopter inflight refueling, night/IMC emergency transfer of personnel and cargo or night/IMC defensive strikes on targets. The aircraft is PMC, M or S.

COUPLER SYSTEM
DOPPLER SYSTEM
HOVER TRIM

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the combat day SAR/VMC flight mission. The aircraft is not capable of airborne reconnaissance, gunfire spotting, opposed rescues in support of air strike operations or defensive strikes on targets. The aircraft is PMC, M or S.

AIRCRAFT MACHINE GUN SYSTEM (GAU 2B/A 7.62MM) (NOTE 1)
ARMOR PLATING (NOTE 1)
CHAFF/FLARE DISPENSING SYSTEM (ALE-29) (NOTE 1)
MACHINE GUN KIT (M60 7.62MM) (NOTE 1)
SAR EQUIPMENT (MINIMUM PER NWP 19-1)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the VMC fleet support mission. The aircraft is not capable of day helicopter in-flight refueling or day hoisting operations. The aircraft is PMC, M or S.

HF COMMUNICATIONS

HH-3A (cont)

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HOISTING SYSTEM (PERSONNEL AND CARGO)
 RESCUE EQUIPMENT
 SAR EQUIPMENT (MINIMUM PER NWP 19-1)
 STOKES LITTER/PROTECTIVE FRAME
 UHF COMMUNICATIONS (2 REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions, using encrypted IFF or transmitting information via secure UHF. The aircraft is PMC, M or S.

BLADE FOLD
 FLOTATION SYSTEM
 IFF ENCRYPTION DEVICE (MODE 4)
 LIFE RAFTS
 ROTOR BRAKE (MANUAL)
 SECURE UHF (KY-28) (NOTE 2)
 UHF/DF (ARA-25)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ENGINE ANTI-ICING SYSTEM
 IFF SYSTEM (LESS KIT 1A)
 INSTRUMENTS (NOTE 3)
 INTEGRATED GUIDANCE/FLIGHT CONTROL SYSTEM (ASE)
 LIGHTING SYSTEM (INTERNAL/EXTERNAL)
 RADAR ALTIMETER
 RAWs
 TACAN
 WINDSHIELD ANTI-ICING SYSTEM
 WINDSHIELD WIPER AND WASHER SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

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HH-3A (cont)

AIRFRAME
 ELECTRICAL SYSTEMS
 EMERGENCY EQUIPMENT
 EMERGENCY RADIO
 ENGINES
 EXPLOSIVE DEVICES (NOTE 4)
 FLIGHT CONTROLS
 FLIGHT REFERENCE (MA-1 COMPASS)
 FUEL SYSTEM
 FUSELAGE COMPARTMENTS
 HYDRAULIC/PNEUMATIC SYSTEM
 ICS (PILOT/COPILOT/ONE CREWMAN)
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 5)
 INTEGRATED GUIDANCE AND FLIGHT CONTROL
 (AUTOMATIC STABILIZATION EQUIPMENT)
 LANDING GEAR
 LIGHTING SYSTEM (ANTI-COLLISION LIGHT, TAIL
 LIGHT AND ADVISORY/WARNING SYSTEM)
 MISCELLANEOUS UTILITIES
 POWER PLANT INSTALLATION
 POWER TRANSMISSION
 ROTOR SYSTEM
 UHF COMMUNICATION SYSTEMS (1 REQUIRED)
 CONDITIONAL INSPECTION (NOTE 6)
 ENGINE INSPECTION (NOTE 6)
 PHASE INSPECTION (NOTE 6)
 SPECIAL INSPECTION (NOTE 6)
 TECHNICAL DIRECTIVE COMPLIANCE (NOTE 6)

NOTES:

1. NOT REQUIRED FOR NIGHT/IMC FLEET SUPPORT OPERATIONS.
2. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
3. REQUIRED INSTRUMENTS: FLIGHT INDICATORS (LESS GSDA AND TDCI), MISCELLANEOUS FLIGHT INSTRUMENTS, NAVIGATION INSTRUMENTS.
4. DOCUMENT CAD REMOVAL FROM THE FIRE EXTINGUISHING SYSTEM WITH EOC ALPHA CHARACTER (Z). DOCUMENT REMOVAL OF ALL OTHER CADS AGAINST EOC ALPHA CHARACTER ASSIGNED TO SPECIFIC SYSTEMS/EQUIPMENT.
5. REQUIRED INSTRUMENTS: INDICATED AIRSPEED, BAROMETRIC ALTIMETER, VERTICAL VELOCITY INDICATOR.
6. AS APPLICABLE PER REFERENCE (c).

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SH-3H

TYPE EQUIPMENT CODE: AHCM

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

LF/ADF

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full ASW mission. The aircraft is not capable of using active/passive sonar data processing, using active sonobuoys, receiving/transmitting eight-channel acoustical data, conducting HF communication, using two UHF systems including one system encryption or using all attack system options. The aircraft is PMC, M or S.

ANTENNA (AKT-22)
HF COMMUNICATION
SONAR (AQS-13) (COMPLETE SYSTEM)
SONAR BUILT-IN-TEST EQUIPMENT
SONAR DATA COMPUTER
TELEMETRY (FULL)
TORPEDO PRESETTER
UHF COMMUNICATION (2 REQUIRED)

(NOTE 1)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the basic ASW mission. The aircraft is not capable of using passive sonar, dispensing sonobuoys for search, localizing and fixing (reference navigation), receiving four-channel acoustic data, using MAD system, using one UHF channel including encryption, using available ASW weapons, or conducting IMC/night SAR. The aircraft is PMC, M or S.

ARMAMENT CONTROL PANEL
COUPLET SYSTEM
HOVER TRIM
MAD (ASQ-81)
MARINE MARKER (12)
MULTIPURPOSE RECORDER
NAVIGATION SYSTEM
ON TOP POSITION INDICATING EQUIPMENT
SAR EQUIPMENT (MINIMUM PER NWP 19-1)
SONAR CABLE ANGLE
SONAR SET (AQS-13) (PASSIVE)

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SH-3H (cont)

SONOBUOY LAUNCHER
TELEMETRY (4 CHANNEL RECEIVER)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic conventional weapon delivery mission. The aircraft is not capable of all basic ASW attack functions based on visual or vectored targeting for delivering air launched (except hover launch mode) ordnance from at least one station or using chaff systems. The aircraft is PMC, M or S.

CHAFF DELIVERY SYSTEM
WEAPON DELIVERY SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions, using encrypted IFF, in-flight refueling or conducting day/VMC SAR. The aircraft is PMC, M or S.

BLADE FOLD
DOPPLER NAVIGATION
FLOATATION SYSTEM
HOISTING SYSTEM (PERSONNEL)
MAIN LANDING GEAR RETRACTION
ROTOR BRAKE (MANUAL)
SAR EQUIPMENT (MINIMUM PER NWP 19-1)
SECURE IFF (KIT 1A) (NOTE 1)
SECURE UHF (KY-28) (NOTE 1)
UHF/DF (ARA-25)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communications, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AUTOMATIC STABILIZATION EQUIPMENT
ENGINE ANTI-ICING SYSTEM
FLIGHT REFERENCE
IFF SYSTEM
INSTRUMENTS (NOTE 2)
LIGHTING SYSTEM (INTERIOR/EXTERIOR)
RADAR ALTIMETER

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SH-3H (cont)

RAWS
TACAN
WINDSHIELD WIPER SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES (NOTE 3)
FLIGHT CONTROLS
FLIGHT REFERENCE (A/A24G-39 COMPASS)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 4)
INTEGRATED GUIDANCE AND FLIGHT CONTROL
(AUTOMATIC STABILIZATION EQUIPMENT)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT, TAIL
LIGHT AND ADVISORY/WARNING SYSTEM)
MISCELLANEOUS UTILITIES
POWER PLANT INSTALLATION
ROTOR SYSTEM
UHF COMMUNICATION SYSTEMS (1 REQUIRED)
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)
SPECIAL INSPECTION (NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. FLIGHT INDICATORS, MISCELLANEOUS FLIGHT INSTRUMENTS.

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SH-3H (cont)

3. DOCUMENT CAD REMOVAL FROM THE FIRE EXTINGUISHING SYSTEM WITH EOC ALPHA CHARACTER (Z). DOCUMENT REMOVAL OF ALL OTHER CADS AGAINST EOC ALPHA CHARACTER ASSIGNED TO SPECIFIC SYSTEMS/EQUIPMENT.
4. PITOT STATIC SYSTEM, INDICATED AIRSPEED, PRESSURE ALTIMETER.
5. AS APPLICABLE PER REFERENCE (c).

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CH-46D/HH-46A

TYPE EQUIPMENT CODE: AHRA/AHRF/AHRK

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

CRUISE GUIDE
EXTENDED RANGE TANKS
HEATER ASSEMBLY AND DUCTING
HF RADIO
LF/ADF
LOUDHAILER
PMS
VHF/FM RADIO SET
UHF/ADF

(NOTE 1)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the SAR/MEDEVAC mission. The aircraft is not capable of conducting day and night SAR operations, day, night and low visibility hoisting, MEDEVAC of ambulatory and nonambulatory medical evacuees, using life support systems or acting as on-scene commander for SAR operations. The aircraft is PMC, M or S.

ALTITUDE HOLD (ASE)
EXTERNAL HOIST (AFC 304) AND INTERNAL WINCH
HOVER APPROACH COUPLER (AFC-307)
RADAR NAVIGATION SET (AN/APN-182(V))
RESCUE EQUIPMENT (AS APPLICABLE FOR LOCAL
SAR/MEDEVAC OPERATIONS)

(NOTE 1)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the personnel transport mission. The aircraft is not capable of internal personnel transport to/from landing areas or between ship and shore. The aircraft is PMC, M or S.

EXTERNAL HOIST
SURVIVAL EQUIPMENT (PASSENGERS)
TROOP SEATS AND SAFETY BELTS

(NOTE 1)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the internal cargo transport mission. The aircraft is not capable of transporting bulk or palletized material, mobile equipment or weapons and is

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CH-46D/HH-46A (cont)

restricted to VMC per reference (d). The aircraft is PMC, M or S.

CABIN FLOORING (CERTIFICATION FOR SPECIAL
WEAPONS TRANSPORT ONLY)
INTEGRATED CARGO LOADING
INTERNAL WINCH

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the deployed shipboard mission. The aircraft is not capable of completing operations at sea with deployed battlegroup. The aircraft is PMC, M or S.

HIFR KIT
PRESSURE REFUELING
SECURE VOICE

(NOTE 1)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the external cargo transport mission. The aircraft is not capable of transporting cargo, equipment and weapons external to the aircraft, conducting VERTREP of ships, day or night, under IMC per reference (d) or of transporting aircraft and target drones in day VMC only. The aircraft is PMC, M or S.

EXTERNAL CARGO HOOK INSTALLATION

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off ship during day, night and inclement weather conditions using encrypted IFF. The aircraft is PMC, M or S.

BLADE FOLD
LOCKING NOSE WHEEL
ROTOR POSITIONING
TRANSPONDER SET MODE 4 (IFF KIT 1A)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-ICE (AS APPLICABLE)

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CH-46D/HH-46A (cont)

ASE (DOES NOT INCLUDE ALTITUDE HOLD)
FLIGHT INSTRUMENTS (LESS AIRSPEED INDICATOR,
PRESSURE ALTIMETER, AND WUC 51 SERIES)
LIGHTING (INTERIOR/EXTERIOR)
MA-1 COMPASS SYSTEM
NAVIGATION INDICATOR (BDHI/CDI)
NAVIGATION INSTRUMENTS (LESS STANDBY COMPASS)
PITOT HEATER
RADAR ALTIMETER
SAS
SPEED TRIM SYSTEM
TACAN
TRANSPONDER SET (MODES 1,2,3 AND C)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME (INCLUDING CABIN FLOORING)
AUXILIARY POWER PLANT
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FUEL SYSTEM
FUSELAGE COMPARTMENTS (EXTERNAL CARGO SYSTEM
AND RESCUE HOIST SYSTEM)
HYDRAULIC/PNEUMATIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 2)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
POWER PLANT INSTALLATION
POWER TRANSMISSION
ROTOR SYSTEM
UHF COMMUNICATION SYSTEMS (1 REQUIRED)
WHEEL BRAKES

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CH-46D/HH-46A (cont)

CONDITIONAL INSPECTION	(NOTE 3)
ENGINE INSPECTION	(NOTE 3)
PHASE INSPECTION	(NOTE 3)
SPECIAL INSPECTION	(NOTE 3)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 3)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. INCLUDING AIRSPEED INDICATOR AND PRESSURE ALTIMETER.
3. AS APPLICABLE PER REFERENCE (c).

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UH-46A/UH-46D/CH-46E/HH-46D
 TYPE EQUIPMENT CODES: AHRC/AHRG/AHRH/AHRL

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

CRUISE GUIDE
 LF/ADF
 PMS (SHIPBOARD OPERATIONS ONLY)
 RADAR BEACON

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the fleet combat support mission. The aircraft is not capable of operating in a hostile environment, using weapons, or countermeasure devices, conducting secure voice operations, conducting combat SAR (when appropriate provisions installed) or conducting surface surveillance, targeting and NGFS and spotting. The aircraft is PMC, M or S.

ARMORED SEATS (PILOT/COPILOT)	(NOTE 1)
CHAFF/FLARE DISPENSER (ALE-29/39)	(NOTE 1)
CONTROL CLOSET ARMOR (AFC-266)	(NOTE 1)
ENGINE ARMOR (MARINE ONLY)	(NOTE 1)
IR JAMMER (ALQ-157)	(NOTE 1)
RADAR WARNING SET (APR-39)	(NOTE 1)
SAR EQUIPMENT (MINIMUM PER NWP 19-1)	
SECURE VOICE (KY-28)	(NOTE 1)
WEAPONS DELIVERY	(NOTE 1)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the SAR/MEDEVAC mission. The aircraft is not capable of conducting day and night SAR operations, conducting day and night over land hoisting, conducting day over water hoisting, conducting MEDEVAC of ambulatory and nonambulatory medical evacuees, using life support systems, acting as on-scene commander for SAR operations, conducting night over water SAR missions in VMC or conducting low visibility over water pick-ups in other than VMC. The aircraft is PMC, M or S.

EXTENDED RANGE TANKS	(NOTE 1)
EXTERNAL HOIST (AFC-304)	(NOTE 1)
HF COMMUNICATION SYSTEM	(NOTE 1)
LITTER SYSTEM	

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UH-46A/UH-46D/CH-46E/HH-46D (cont)

RESCUE/CARGO WINCH
SAR EQUIPMENT (MINIMUM PER NWP 19-1)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the external cargo transport mission. The aircraft is not capable of transporting cargo, equipment, and weapons external to aircraft, conducting VERTREP of ships, day or night, under IMC and target drones per reference (d) or transporting aircraft and target drones in day VMC only. The aircraft is PMC, M or S.

EXTERNAL CARGO HOOK INSTALLATION

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the internal cargo transport mission. The aircraft is not capable of transporting bulk or palletized material, mobile equipment or weapons and is restricted to VMC per reference (d). The aircraft is PMC, M or S.

CABIN FLOORING
INTEGRATED CARGO LOADING

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the personnel transport mission. The aircraft is not capable of internal transport of personnel to and from landing areas or between ships and shore. The aircraft is PMC, M or S.

ENGINE AIR PARTICLE SEPARATOR (EAPS OR FULL BARRIER) (NOTE 1)
HEATER (NOTE 1)
SURVIVAL EQUIPMENT PASSENGERS
TROOP SEATS
VHF/FM RADIO SET (NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions using encrypted IFF. The aircraft is PMC, M or S.

ANTI-EXPOSURE VENTILATION SYSTEM (NOTE 1)
BLADE FOLD (SHIPBOARD OPERATIONS ONLY)
LANDING GEAR (NOSE WHEEL LOCKING)

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UH-46A/UH-46D/CH-46E/HH-46D (cont)

PRESSURE REFUELING
ROTOR POSITION (SHIPBOARD OPERATIONS ONLY)
SURVIVAL EQUIPMENT CREW
TRANSPONDER SET MODE 4 (IFF KIT 1A)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations and necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AHRS (AS APPLICABLE)
ASE/ALTITUDE HOLD
FLIGHT INSTRUMENTS (LESS AIRSPEED INDICATOR,
PRESSURE ALTIMETER, CRUISE GUIDE INDICATOR)
LIGHTING (INTERIOR/EXTERIOR)
NAVIGATION INDICATORS (BDHI/CDI)
NAVIGATION INSTRUMENTS (EXCEPT STANDBY COMPASS)
PITOT HEATER
PMS (CH-46E ONLY)
RADAR ALTIMETER
RADIO NAVIGATION SYSTEM
SPEED TRIM SYSTEM
TACAN
TRANSPONDER SET (APX-72) (IFF MODE 1,2,3 AND C)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
AUXILIARY POWER PLANT
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE (MA-1 COMPASS)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM

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UH-46A/UH-46D/CH-46E/HH-46D (cont)

ICS	
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)	
LANDING GEAR	
LIGHTING SYSTEMS (ANTI-COLLISION)	
MISCELLANEOUS UTILITIES	
POWER PLANT INSTALLATION	
POWER TRANSMISSION	
ROTOR SYSTEM	
UHF COMMUNICATION SYSTEMS (1 REQUIRED)	
CONDITIONAL INSPECTION	(NOTE 2)
ENGINE INSPECTION	(NOTE 2)
PHASE INSPECTION	(NOTE 2)
SPECIAL INSPECTION	(NOTE 2)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 2)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. AS APPLICABLE PER REFERENCE (c).

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CH-53A/CH-53D

TYPE EQUIPMENT CODES: AHXA/AHXC

Do not assign and EOC code if all equipment is operational.
The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIRCRAFT FURNISHINGS
ALTITUDE HOLD (RADAR ALTIMETER/BAROMETRIC ALTIMETER)
CRUISE GUIDE
HF
ICS (TROOP LEADER)
INTERNAL RANGE EXTENSION SYSTEM
RADAR BEACON
RETRACTABLE LANDING GEAR
VISUAL/AURAL DEBARK SYSTEM
WINDSHIELD WIPER/WASH

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the fleet combat support mission. The aircraft is not capable of operating in a hostile environment, conducting weapons employment, using counter-measure devices or conducting secure voice operations. The aircraft is PMC, M or S.

AIRCRAFT ARMOR	(NOTE 1)
ANTI-ICE DETECTION SYSTEM	
CHAFF/FLARE DESPENSER (ALE-39)	(NOTE 1)
ENGINE ARMOR	(NOTE 1)
EXPOSURE SUIT BLOWER SYSTEM	(NOTE 1)
HEATER	
HEATER VENTILATION SYSTEM	
ICS (GUNNER STATION)	
INFRARED SUPPRESSION	(NOTE 1)
IR JAMMER (ALQ-157)	(NOTE 1)
RADAR WARNING SET (APR-39)	(NOTE 1)
SEAT BLOWER SYSTEM	
SECURE VOICE	(NOTE 1)
WEAPONS DELIVERY/ARMAMENT	(NOTE 1)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the SAR/MEDEVAC mission. The aircraft is not capable of conducting day and night SAR operations, conducting day and night over land hoisting, conducting day over water hoisting, conducting MEDEVAC of ambulatory and nonambulatory medical evacuees, using life

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CH-53A/CH-53D (cont)

support systems or acting as on-scene commander of SAR operations. The aircraft is PMC, M or S.

LITTER SYSTEM

(NOTE 1)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the personnel transport mission. The aircraft is not capable of internal transport of personnel to and from landing areas or between ship and shore. The aircraft is PMC, M or S.

EMERGENCY EXIT LIGHTS
TROOP SEAT SYSTEM

(NOTE 1)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the internal cargo transport mission. The aircraft is not capable of transporting bulk or palletized material, mobile equipment or weapons and is restricted to VMC. The aircraft is PMC, M or S.

CARGO FLOOR COMPONENTS
CARGO RAMP COMPONENTS
CARGO WINCH SYSTEM
TAIL SKID SYSTEM

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the external cargo transport mission. The aircraft is not capable of transporting cargo, equipment and weapons external to aircraft, conducting VERTREP of ships, day or night under IMC per reference (d) or transporting aircraft and target drones in day VMC only. The aircraft is PMC, M or S.

CARGO HOOK SYSTEM
ENGINE AIR PARTICLE SEPARATOR (1 SYSTEM REQUIRED)
FM/VHF RECEIVER

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions using encrypted IFF. The aircraft is PMC, M or S.

BLADE FOLD SYSTEM (SHIPBOARD OPERATION ONLY)
EXTERNAL RANGE EXTENSION FUEL QUANTITY SYSTEM
(FOR EXTENDED RANGE MISSIONS ONLY)

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CH-53A/CH-53D (cont)

LANDING GEAR WARNING SYSTEM
LIFE RAFTS
PRESSURE REFUELING
PYLON FOLD SYSTEM (SHIPBOARD OPERATIONS ONLY)
SECURE IFF

(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AFCS AMPLIFIERS
ALTIMETER ENCODER
ATTITUDE REFERENCE SYSTEM
BDHI
CLOCK WITH SWEEP SECOND HAND
IFF/SIF
LF/ADF
LIGHTING (INTERNAL/EXTERNAL)
PITOT HEAT
RADAR ALTIMETER
STICK TRIM SYSTEM
TACAN
UHF/ADF
VERTICAL SPEED INDICATOR

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
AUXILIARY POWER PLANT
BIM INDICATOR SYSTEM (INCLUDING COCKPIT)
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE (MA-1 COMPASS)
FUEL SYSTEM

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CH-53A/CH-53D (cont)

FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS (PILOT/COPILOT/CREW CHIEF)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
INTEGRATED GUIDANCE AND FLIGHT CONTROL (AFCS
SERVO SYSTEM)
LANDING GEAR (RETRACTING NOT REQUIRED)
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
MISCELLANEOUS UTILITIES
POWER PLANT INSTALLATION (LESS EAPS)
POWER TRANSMISSION
ROTOR SYSTEM
UHF COMMUNICATION SYSTEMS (1 REQUIRED) (NOTE 2)
CONDITIONAL INSPECTION (NOTE 2)
ENGINE INSPECTION (NOTE 2)
PHASE INSPECTION (NOTE 2)
SPECIAL INSPECTION (NOTE 2)
TECHNICAL DIRECTIVE COMPLIANCE

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. AS APPLICABLE PER REFERENCE (c).

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CH-53E

TYPE EQUIPMENT CODE: AHXD

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIRCRAFT FURNISHINGS

ANTI-EXPOSURE SUIT BLOWER

CABIN SOUND PROOFING

ICS (TROOP LEADER STATION)

(NOTE 1)

LANDING GEAR WARNING SYSTEM

SEAT CUSHION BLOWER SYSTEM

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the fleet/combat support mission. The aircraft is not capable of operating in a hostile environment, using weapons countermeasures devices or conducting secure voice communications. The aircraft is PMC, M or S.

AIRCRAFT SECURING EQUIPMENT

(NOTE 2)

ALQ-157

APR-39

(NOTE 1)

CHAFF/FLARE DISPENSER (ALE-39) (IF SO EQUIPPED)

ENGINE AIR PARTICLE SEPARATORS

HYDRAULIC ACCUMULATOR (2 OF 2 REQUIRED)

ICS (GUNNER STATION)

(NOTE 1)

IFF (ALL MODES)

RADAR BEACON

(NOTE 1)

ROTOR POSITIONING

SECURE VOICE

(NOTE 1)

WEAPONS DELIVERY/ARMAMENT

(NOTE 1)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the SAR/MEDEVAC mission. The aircraft is not capable of conducting day and night SAR operations, conducting MEDEVAC of ambulatory and nonambulatory evacuees, using life support or acting as on-scene commander for SAR operations. The aircraft is PMC, M or S.

AC/DC POWER RECEPTACLE

LITTER SYSTEM

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CH-53E (cont)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the personnel transport mission. The aircraft is not capable of internal transport of personnel to and from landing areas, ship and shore. The aircraft is PMC, M or S.

EMERGENCY EXIT LIGHTS
LIFE RAFTS
TROOP SEAT SYSTEM

(NOTE 1)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the internal cargo transport mission. The aircraft is not capable of transporting bulk or palletized material, mobile equipment or weapons (restricted to VMC). The aircraft is PMC, M or S.

CARGO FLOOR COMPARTMENTS
CARGO SECURING EQUIPMENT (PER ACFT INVENTORY RECORD)
CARGO WINCH SYSTEM
RAMP SYSTEM

(NOTE 1)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the external cargo transport mission. The aircraft is not capable of transporting cargo, equipment and weapons external to the aircraft, conducting VERTREP of ships, day or night, under IMC per reference (d) or transporting aircraft and target drones in day VMC only. The aircraft is PMC, M or S.

2-PT CARGO SYSTEM
2-PT WT/CG INDICATING SYSTEM
EXTENDED RANGE EXTERNAL FUEL QUANTITY SYSTEM
SINGLE POINT CARGO HOOK SYSTEM
UHF (FM) (IF SO EQUIPPED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on, off and about a ship during day, night and IMC, hover in HIFR and inflight refueling using encrypted IFF. The aircraft is PMC, M or S.

ALTITUDE HOLD (RAD ALT/BAR ALT)
BLADE FOLD SYSTEM
CABIN ENGINE OIL REPLENISHMENT SYSTEM
COCKPIT HYDRAULIC QUANTITY INDICATOR SYSTEM

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CH-53E (cont)

EXTENDED RANGE INTERNAL FUEL SYSTEM (NOTE 1)
EXTERNAL STORES CADS (IF CONFIGURED WITH EXTERNAL STORES)
FUEL PURGE SYSTEM
HOVER IN-FLIGHT REFUELING SYSTEM
PRESSURE REFUELING
PROBE IN-FLIGHT REFUELING SYSTEM
PYLON FOLD SYSTEM
RETRACTABLE LANDING GEAR
ROTOR BRAKE
SECURE IFF
UTILITY HOIST SYSTEM

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AFCS TRIM AND SAS
ALTIMETER ENCODER
ANTI-COLLISION LIGHTS (2 OF 2 REQUIRED)
ATTITUDE REFERENCE SYSTEM
BDHI
CABIN HEATER
CDI
CLOCK WITH SWEEP HAND
DIRECTIONAL GYRO SYSTEM
ENGINE ANTI-ICE SYSTEM
EXTERIOR LIGHTING
FLIGHT INSTRUMENTS
HF (NOTE 1)
ICE DETECTION
ILS GLIDE SLOPE
INTERIOR LIGHTING (MINIMUM COCKPIT INSTRUMENTATION)
LF/ADF
MAGNETIC COMPASS
OMEGA NAVIGATION SYSTEM (IF SO EQUIPPED)
PITOT HEAT
RADAR ALTIMETER
TACAN
TRANSPONDER
UHF
UHF/ADF
VERTICAL SPEED INDICATOR
VHF (AM) (IF SO EQUIPPED)

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CH-53E (cont)

VOR
WINDSHIELD ANTI-ICE
WINDSHIELD WIPER

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AFCS COMPUTER
AFCS SERVO SYSTEM
AIRFRAME
ANTI-COLLISION LIGHT (1 OF 2 REQUIRED)
AUXILIARY POWER PLANT
BIM INDICATOR
CHIP DETECTOR SYSTEMS
ELECTRICAL SYSTEMS
ENGINES
FIRE DETECTION SYSTEMS
FIRE EXTINGUISHER SYSTEMS
FLIGHT CONTROLS
FLIGHT REFERENCE (NOTE 3)
FUEL QUANTITY INDICATING SYSTEM (NOTE 4)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC ACCUMULATOR (1 OF 2 REQUIRED)
HYDRAULIC/PNEUMATIC SYSTEMS
ICS (PILOT/COPILOT AND CREW CHIEF REQUIRED)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
LANDING GEAR (RETRACTING NOT REQUIRED)
PORTABLE FIRE EXTINGUISHER
POWER PLANT INSTALLATION (LESS EAPS)
POWER TRANSMISSION SYSTEMS
ROTOR SYSTEM
UHF OR VHF COMMUNICATION SYSTEMS (1 OF 2 REQUIRED)
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)

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CH-53E (cont)

SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 5)

(NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING, HARDWARE OR PLUMBING AS APPLICABLE.
2. AIRCRAFT AND BLADE TIEDOWNS, BLADE STRUTS AND COVERS PROVIDED TO PROTECT AIRCRAFT FROM HARSH ENVIRONMENTAL CONDITIONS, ETC.
3. AT A MINIMUM, DIRECTIONAL REFERENCE, VERTICAL AND AIRSPEED INDICATION AND ALTIMETER REQUIRED.
4. LESS INTERNAL/EXTERNAL RANGE EXTENSION SYSTEMS AND PRESSURE REFUELING PROBE.
5. AS APPLICABLE PER REFERENCE (c).

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RH-53D

TYPE EQUIPMENT CODE: AHXE

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIRCRAFT FURNISHINGS
ANTI-COLLISION LIGHT (FORWARD AMBER)
BAROMETRIC ALT HOLD
LF/ADF
OMEGA/LF NAVIGATION (NOTE 1)
PRESSURE REFUEL PROBE SYSTEM
RADAR BEACON
VOR/ILS (NOTE 1)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions using encrypted IFF or of being towed about the flight deck and transported to the hangar deck on applicable ships. The aircraft is PMC, M or S.

BLADE FOLD SYSTEM
PRESSURE REFUELING
PYLON FOLD SYSTEM
ROTOR BRAKE SYSTEM (LOW PRESSURE SYSTEM)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-ICE/ICE DETECTION SYSTEM
BDHI (PILOT)
IFF/SIF (KIT 1A)
PITOT HEAT
TACAN
UHF/ADF

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the SAR/MEDEVAC mission. The aircraft is not capable of conducting day and night SAR

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RH-53D (cont)

operations, MEDEVAC of ambulatory and nonambulatory evacuees, using life support systems for land/sea rescue operations as per reference (d) or acting as on-scene commander for SAR operations. The aircraft is PMC M or S.

HF RADIO (MISSION SPECIFIC)

LITTER SYSTEM

(NOTE 1)

RADAR ALT HOLD

SAR EQUIPMENT (MINIMUM PER NWP 19-1)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the logistics movement-internal mission. The aircraft is not capable of internal transport to and from landing areas and between shore, hoisting personnel and light cargo while in a hover, transporting bulk or palletized material, mobile equipment or weapons and is restricted to VMC operations. The aircraft is PMC, M or S.

CARGO WINCH SYSTEM

TROOP SEAT SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the logistics movement-external mission. The aircraft is not capable of transporting cargo external to the aircraft, conducting VERTREP of ships, day or night, under IMC as per reference (d) or transporting aircraft and target drones in day VMC only. The aircraft is PMC, M or S.

CARGO HOOK SYSTEM (MISSION SPECIFIC)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the AMCM mission. The aircraft is not capable of conducting mine sweeping, mine neutralization, floating mine destruction, channel marking or precision navigation and planting master reference buoys. The aircraft is PMC, M or S.

AIRCRAFT ARMOR

(NOTE 1)

AUXILIARY FUEL SYSTEM

CABIN HEAT/VENTILATING SYSTEM

CARGO FLOOR COMPONENTS

ENGINE AIR PARTICLE SEPARATOR

(NOTE 1)

ENGINE ARMOR

(NOTE 1)

FLIGHT INSTRUMENTS

FLIGHT REFERENCE SYSTEMS

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RH-53D (cont)

FM TRANSCEIVER
 ICS (AN/AIC-14)
 LIFE RAFT
 LIGHTING (INTERIOR/EXTERIOR)
 MACHINE GUNS AND MOUNTS (M21A 50CAL) (NOTE 1)
 MISSION COMPONENTS (AN/ALQ-141) (NOTE 1)
 MISSION COMPONENTS (AN/AQS-14) (NOTE 1)
 MISSION COMPONENTS (MK 103) (NOTE 1)
 MISSION COMPONENTS (MK 104) (NOTE 1)
 MISSION COMPONENTS (MK 105) (NOTE 1)
 PRECISE NAVIGATION SYSTEM (NOTE 1)
 RADAR ALTIMETER
 RAMP SYSTEM
 RESCUE HOIST/KAPOC SLING
 SECURE IFF
 SECURE UHF (KY-28) (NOTE 1)
 SPU-1W MISSION COMPONENTS (NOTE 1)
 STREAMING KIT COMPONENTS (NOTE 1)
 TOW PROVISIONS (NOTE 1)
 TRIM SYSTEMS
 WINDSHIELD WIPER/WASH (MISSION SPECIFIC)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME (LESS OVERHEAD DOOR STRUCTURE)
 AUXILIARY FUEL QUANTITY SYSTEM
 AUXILIARY POWER PLANT
 ELECTRICAL SYSTEMS
 EMERGENCY EQUIPMENT
 EMERGENCY RADIO
 ENGINES
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS
 FLIGHT REFERENCE (AN/ASN-50)
 FUEL SYSTEM (NOTE 2)
 FUSELAGE COMPARTMENTS
 HYDRAULIC/PNEUMATIC SYSTEM
 ICS (PILOT/COPILOT/CREW CHIEF)
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)
 INTEGRATED GUIDANCE AND FLIGHT CONTROL (AFCS
 SERVO SYSTEM) (BOTH REQUIRED)

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RH-53D (cont)

LANDING GEAR (INCLUDING: ALTITUDE/ATTITUDE
WARNING SYSTEM/TAIL SKID) (RETRACTING NOT REQUIRED)
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
(1 REQUIRED)
MISCELLANEOUS UTILITIES
POWER PLANT INSTALLATION (LESS EAPS)
POWER TRANSMISSION
ROTOR SYSTEM
UHF/VHF COMMUNICATION SYSTEM (1 REQUIRED)
CONDITIONAL INSPECTION (NOTE 4)
ENGINE INSPECTION (NOTE 4)
PHASE INSPECTION (NOTE 4)
SPECIAL INSPECTION (NOTE 4)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 4)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. LESS AUXILIARY FUEL SYSTEM AND PRESSURE REFUELING PROBE.
3. VERTICAL SPEED INDICATOR (PILOT OR COPILOT), AIRSPEED INDICATOR (PILOT OR COPILOT), BAROMETRIC ALTIMETER (PILOT OR COPILOT).
4. AS APPLICABLE PER REFERENCE (c).

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MH-53E
TYPE EQUIPMENT CODE: AHXJ

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIRCRAFT FURNISHINGS
ANTI-COLLISION LIGHT (FORWARD AMBER)
CHAFF AND FLARE SYSTEM
CREWMANS HOVER CONTROL SYSTEM
FUEL PURGE SYSTEM
GEAR WARN SYSTEM OFF FEATURE
RADAR ALTIMETER (EITHER #1 OR #2 NOT FUNCTIONING)
RADAR BEACON
RAMP OVER HEAD DOOR SYSTEM
SEAT CUSHION BLOWER SYSTEM

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day or night, operations during inclement weather conditions, using encrypted IFF, or secure voice. The aircraft is not capable of long range self-deployment. The aircraft is PMC, M or S.

AERIAL REFUELING PROBE (NOTE 1)
ATTITUDE/ALTITUDE WARNING SYSTEM
BLADE FOLD SYSTEM (SHIPBOARD OPERATION ONLY)
BLADE & PYLON FOLD STRUTS (SHIPBOARD OPERATION ONLY)
ENGINE OIL QUANTITY REPLENISHMENT SYSTEM (NOTE 2)
HF RADIO
HIFR (NOTE 1)
HYDRAULIC QUANTITY REPLENISHMENT SYSTEM (NOTE 2)
INTERNAL RANGE EXTENSION SYSTEM (NOTE 1)
LANDING GEAR RETRACTION (NOTE 2)
LF/ADF
OMEGA/VHF NAVIGATION
PRESSURE REFUELING SYSTEM
PYLON FOLD SYSTEM (SHIPBOARD OPERATION ONLY)
ROTOR BRAKE SYSTEM (SHIPBOARD OPERATION ONLY)
ROTOR POSITIONING SYSTEM (SHIPBOARD OPERATION ONLY)
SECURE IFF (NOTE 1)

MH-53E (cont)

SECURE SPEECH SYSTEM

(NOTE 1)

TACAN

WHEEL BRAKING SYSTEM (SHIPBOARD OPERATION ONLY)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, navigation, IFF, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AFCS TRIM SYSTEMS (LESS PEDAL TRIM)
 AIRCRAFT LIGHTING SYSTEMS (UPPER ANTI-COLLISION,
 POSITION OR COCKPIT)
 ALTIMETER ENCODER
 ANTI-ICE/ICE DETECTION SYSTEMS
 ATTITUDE REFERENCE SYSTEM (BOTH PILOT)
 BAROMETRIC ALTIMETER HOLD SYSTEM
 CLOCK (8-DAY) (1 REQUIRED)
 HEADING REFERENCE SYSTEM (BOTH PILOT)
 HEATER (WHEN OAT IS BELOW 40 DEGREES F)
 IFF/SIF
 INSTRUMENTATION
 PITOT HEAT
 STANDBY COMPASS
 TACAN OR VOR/ILS REQUIRED
 VERTICAL SPEED INDICATOR

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the SAR/MEDEVAC mission. The aircraft is not capable of conducting day and night SAR operations, MEDEVAC of ambulatory and nonambulatory evacuees, using life support systems for land/sea rescue operations, per reference (d), or acting as on-scene commander for SAR operations. The aircraft is PMC, M or S.

DOPPLER HOVER COUPLER SYSTEM
 LITTER SYSTEM
 RADAR ALTIMETER HOLD SYSTEM
 UHF/ADF

(NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the Vertical Onboard

MH-53E (cont)

Delivery (VOD) mission. The aircraft is not capable of internal transport of personnel and cargo or external loads. The aircraft is PMC, M or S.

AFCS DESENS (ANY AXIS INOPERATIVE) (EXTERNAL LOAD OPERATIONS ONLY)	
CARGO RAMP SYSTEM	(NOTE 1)
CARGO RESTRAINT FIXTURES	
CARGO ROLLERS	(NOTE 1)
CARGO WINCH SYSTEM	
EMERGENCY EXIT LIGHTING	
HOIST SYSTEM	
SINGLE POINT CARGO HOOK SYSTEM	(NOTE 1)
SOUND PROOFING (PERSONNEL MOVEMENT)	
TROOP SEAT SYSTEM (EXCEPT CENTERLINE)	(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing or degrading the Airborne Mine Counter Measures (AMCM) mission. The aircraft is not fully capable of all mine sweeping, mine hunting, mine neutralization, or channel marking missions. The aircraft is PMC, M or S.

AFCS DESENS FAILURE (ANY AXIS INOPERATIVE)	
AFCS TRIM SYSTEMS	
AMCM MIRRORS	
AMCM PRECISE NAVIGATION SYSTEM	(NOTE 1)
AMCM WINCH SYSTEMS	(NOTE 1)
APERTURE GUARD	(NOTE 1)
DOPPLER HOVER COUPLER SYSTEM	(NOTE 1)
EAPS	
GUILLOTINES (BOTH REQUIRED)	(NOTE 1)
ICS (ALL STATIONS)	(NOTE 1)
HEATER (WHEN OAT IS BELOW 40 DEGREES F)	
HOIST	
MISSION COMPONENTS (ALQ-141)	(NOTE 1)
MISSION COMPONENTS (APU-1W)	(NOTE 1)
MISSION COMPONENTS (AQS-14)	(NOTE 1)
MISSION COMPONENTS (MK 103)	(NOTE 1)
MISSION COMPONENTS (MK 104)	(NOTE 1)
MISSION COMPONENTS (MK 105)	(NOTE 1)
RADAR ALTIMETER HOLD SYSTEM (1 RADAR ALTIMETER)	
SECURE VOICE SYSTEM	(NOTE 1)
SOUND PROOFING	
STUB RAMP	(NOTE 1)

MH-53E (cont)

TAIL SKID RETRACTION SYSTEM (EXTENDED)
 TENSION/SKEW INDICATING SYSTEM (NOTE 1)
 TOW BOOM AND HOOK SYSTEM (NOTE 1)
 TOW COUPLER SYSTEM
 UHF/VHF/FM (EITHER COMM #1 OR #2 REQUIRED)
 UTILITY 2 HYDRAULIC SYSTEM (NOTE 1)
 WINDSHIELD WIPER/WASHER
 XM-218 .50 CAL COMPONENTS (NOTE 1)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AFCS COMPUTER SIMPLEX FAILURE
 AFCS DESENS FEATURE (ALL AXIS)
 AFCS FAS FEATURE
 AIRFRAME (LESS OVERHEAD DOOR STRUCTURE)
 AUXILIARY POWER PLANT
 ELECTRICAL SYSTEMS
 EMERGENCY EQUIPMENT
 ENGINE OIL QUANTITY WARNING SYSTEM
 ENGINES
 FLIGHT CONTROLS
 FUEL SYSTEM (LESS AUTOMATIC TRANSFER FEATURE)
 FUSELAGE COMPARTMENTS
 HYDRAULIC/PNEUMATIC SYSTEMS (LESS UTILITY #2)
 HYDRAULIC QUANTITY COCKPIT INDICATOR
 IBIS
 ICS (PILOT, COPILOT AND 1 AIRCREW STATION)
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)
 LANDING GEAR
 LIFE RAFT (OVER WATER OPERATIONS ONLY)
 LIGHTING SYSTEMS (UPPER ANTI-COLLISION LIGHT
 OR FORWARD AMBER LIGHT) (1 REQUIRED)
 POWER PLANT INSTALLATION (LESS EAPS)
 POWER TRANSMISSION
 RADAR ALTIMETER (#1 AND #2 NOT FUNCTIONING)
 ROTOR SYSTEMS
 TAIL SKID ((RETRACTED)
 UHF/VHF/FM (EITHER COMM #1 OR #2 NOT FUNCTIONING)
 CONDITIONAL INSPECTION (NOTE 4)

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MH-53E (cont)

ENGINE INSPECTION	(NOTE 4)
PHASE INSPECTION	(NOTE 4)
SPECIAL INSPECTION	(NOTE 4)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 4)

NOTES:

1. IF THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. REQUIRED FOR LONG RANGE/DURATION FLIGHTS.
3. WHEN TWO OF ANY OF THE FOLLOWING HAVE FAILED: VERTICAL SPEED INDICATOR, AIRSPEED INDICATOR, BAROMETRIC ALTIMETER.
4. AS APPLICABLE PER REFERENCE (c).

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TH-57A/TH-57B
TYPE EQUIPMENT CODES: AHYA/AHYC

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (K) of the EOC code when the following system is inoperative preventing the expanded mobility mission. The aircraft is not capable of on-deck hot re-fueling. The aircraft is PMC, M or S.

PRESSURE FUELING (TH-57B ONLY)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative limiting the capability for successful completion of all applicable missions through availability of all equipment. The aircraft is PMC, M or S.

ENGINE ANTI-ICE
FORCE TRIM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
FLIGHT CONTROLS
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
POWER PLANT INSTALLATION
POWER TRANSMISSION
ROTOR SYSTEM
UHF COMMUNICATION SYSTEM (1 REQUIRED)
CONDITIONAL INSPECTION
ENGINE INSPECTION

(NOTE 1)
(NOTE 1)

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TH-57A/TH-57B (cont)

PHASE INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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TH-57C

TYPE EQUIPMENT CODE: AHYD

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIRCRAFT FURNISHINGS
ECS
ENGINE SCREEN

(NOTE 1)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the fleet/combat support mission. The aircraft is not capable of operating in a hostile environment, using organic weapons, countermeasure devices (infrared/chaff) or secure voice communications. The aircraft is PMC, M or S.

DEFROSTER VENTILATION SYSTEM (COLD WEATHER OPERATIONS)
ICS (CREW)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the SAR/MEDEVAC mission. The aircraft is not capable of conducting day or night SAR operations or MEDEVAC of ambulatory and nonambulatory evacuees. The aircraft is PMC, M or S.

LITTER

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the personnel and internal cargo transport mission. The aircraft is not capable of internal transport of personnel/cargo from landing areas, ship and shore. The aircraft is PMC, M or S.

TROOP SEATS (WHEN INSTALLED)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the external transport mission. The aircraft is not capable of transporting cargo externally. The aircraft is PMC, M or S.

CARGO HOOK SYSTEM
PENDANT ASSEMBLY

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TH-57C (cont)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions, and/or on-deck hot refueling. The aircraft is PMC, M or S.

MINI-STABILATOR AND FORCE TRIM
PRESSURE FUELING
ROTOR BRAKE

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ATTITUDE GYRO	(NOTE 2)
BDHI/HSI	(NOTE 2)
CLOCK WITH SWEEP HAND	
DIRECTIONAL GYRO	(NOTE 2)
DUAL NAVIGATION UNIT (MINIMUM OF 1 REQUIRED)	
ENCODING ALTIMETER/TRANSPONDER	
ENGINE ANTI-ICE	
FLIGHT INSTRUMENTS	(NOTE 2)
LF/ADF	
LIGHTING (INTERNAL/EXTERNAL)	(NOTE 2)
MAG COMPASS	
MAIN GENERATOR	
PATT PROTECTION CIRCUIT	
PITOT HEAT	
RADAR ALTIMETER	(NOTE 2)
STANDBY GENERATOR	
TRANSPONDER	
TRIM GRADIENT	(NOTE 2)
UHF/ADF	
VERTICAL SPEED INDICATOR	(NOTE 2)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

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TH-57C (cont)

AIRFRAME
 ELECTRICAL SYSTEMS
 EMERGENCY EQUIPMENT
 EMERGENCY RADIO
 ENGINES
 FLIGHT CONTROLS (STABILATOR CONTROL
 AUGMENTATION SYSTEM MINUS MINI STABILATOR)
 FUSELAGE COMPARTMENTS
 ICS (NOTE 2)
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTES 2,3)
 LANDING GEAR
 LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
 MISCELLANEOUS UTILITIES
 POWER PLANT INSTALLATION
 POWER TRANSMISSION
 RAM AIR DISTRIBUTION SYSTEM
 ROTOR SYSTEM
 UHF/VHF COMMUNICATIONS SYSTEMS (1 UHF OR VHF REQUIRED)
 CONDITIONAL INSPECTION (NOTE 4)
 ENGINE INSPECTION (NOTE 4)
 PHASE INSPECTION (NOTE 4)
 SPECIAL INSPECTION (NOTE 4)
 TECHNICAL DIRECTIVE COMPLIANCE (NOTE 4)

NOTES:

1. INCLUDES SOUNDPROOFING, CREW SEAT BELTS, BLACKOUT PANELS.
2. PILOT/COPILOT EXCEPT WHEN FLOWN AS SINGLE PILOTED AIRCRAFT.
3. AIRSPEED, ALTIMETER, STANDBY MAGNETIC COMPASS.
4. AS APPLICABLE PER REFERENCE (c).

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SH-60B

TYPE EQUIPMENT CODE: AHZA

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

BLADE FOLD (AUTOMATIC)	(NOTE 1)
CABIN SEATS (EXCLUDING SENSOR OPERATOR SEAT)	
CARGO HOOK (INCLUDING EXPLOSIVE DEVICES)	(NOTE 2)
EMERGENCY LOCATOR TRANSMITTER	
FLOTATION (INCLUDING EXPLOSIVE DEVICES)	
LANDING/HOVER LIGHTS	
MAIN AND TAIL ROTOR POSITIONING	
MIRRORS	
HOIST STATION FLOODLIGHT	
RAST INSTALLATION	(NOTE 3)
SEARCH LIGHT	
SENSOR OPERATOR LIGHT CONTROL (C-10518)	

Assign alpha character (C) of the EOC code when the following system(s) are inoperative degrading the ASW and Anti-Ship Surveillance and Tracking (ASST) missions. The aircraft is not capable of conducting clear and secure HF voice communications receiving and processing eight channels of acoustic data or automatic UHF relay of ASW/ASST information. The aircraft is PMC, M or S.

AVIONICS COOLING FANS (BOTH REQUIRED)	
ENVIRONMENTAL CONTROL SYSTEM	(NOTE 4)
GLOBAL POSITIONING SYSTEM	(NOTE 5)
HF RADIO (ARC-174)	
SONO RECEIVER (ARR-75) (1 OF 2 INOPERABLE)	
TACTICAL SPEECH SECURE EQUIPMENT (KY-75)	(NOTE 5)
UHF RADIO (ARC-159) OR VHF/UHF (ARC-182)	
(1 OF 2 INOPERABLE)	

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the linked ASW and ASST mission. The aircraft is not capable of conducting full duplex secure intercomputer communications between aircraft and ship digital data computers conducting clear and secure UHF voice and data communications to provide targeting information to LAMPS capable ships for use with surface-to-surface weapons systems, using aircraft radar and ESM sensors to conduct search and reconnaissance for detection and classification, conducting

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SH-60B (cont)

IMC/night SAR or conducting secure IFF interrogation. The aircraft is PMC, M or S.

AFCS (BOTH HOVER/COUPLER AND SAS #1 REQUIRED)
 COMPUTER (AYK-14) (SAC #1 AND SAC #2 REQUIRED)
 COMSEC (KG-45-2) (DC) (NOTE 5)
 DATA LINK SYSTEM (ARQ-44)
 ESM (AN/ALQ-142)
 IFF INTERROGATOR (APX-76B)
 INTERFERENCE BLANKER (CN1493/A)
 RADAR (AN/APS-124)
 SDC GP (OU-103/A)
 SECURE IFF (KIR-1A) (NOTE 5)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic ASW (stand alone) mission. The aircraft is not capable of using active acoustic sensors, using passive acoustic sensors or MAD, receiving and processing four channels of acoustic data, dispensing chaff, launching sonobuoys, locating deployed sonobuoys, or conducting secure UHF voice communications and deploying torpedoes. The aircraft is PMC, M or S.

ACIS (ASQ-165)
 ANALYZER SET (UYS-1)
 AVIONICS COOLING FANS (2 OF 2 REQUIRED)
 CHAFF/SONOBUOY LAUCHER (PNEUMATIC) (15 TUBES REQUIRED)
 CMUX (CV3435/A)
 COMPUTER (AYK-14) (SAC #1 REQUIRED)
 CONTROL INDICATOR (ASQ-164)
 CONTROL MONITOR (C10644/ASQ)
 CONVERTER DISPLAY (CV3252/A)
 DIRECTION FINDER (ARA-50) (OTPI FUNCTION ONLY)
 DOPPLER NAVIGATION SET (APN-217)
 ENVIRONMENTAL CONTROL SYSTEM (NOTE 4)
 MAD (ASQ-81) (INCLUDING EXPLOSIVE DEVICES)
 MAG TAPE MEMORY (MU670/ASQ)
 RECEIVER OTPI (R1651/ARA)
 REMOTE COMPASS TRANSMITTER (ML-1) (2 OF 2 REQUIRED)
 SECURE SPEECH EQUIPMENT (KY-28 OR KY-58) (NOTE 5)
 SONO RECEIVER (ARR-75) (MINIMUM 4 CHANNELS REQUIRED)
 STORES RACK (BRU-14/A) (NOTE 5)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and

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SH-60B (cont)

off a ship during day, night and inclement weather conditions, safely stowable on ship, using encrypted IFF, conducting HIFR or day/VMC SAR and utility. The aircraft is PMC, M or S.

AUXILIARY FUEL TANK (EXTERNAL)	(NOTE 5)
BLADE FOLD	(NOTE 1)
CARGO HOOK (INCLUDING EXLOSIVE DEVICE)	(NOTE 2)
FUEL DUMP	
HIFR	
PRESSURE REFUELING	
RADAR ALTIMETER (AN/APN-194(V))	
RAST INSTALLATION	(NOTE 3)
RESCUE HOIST (INCLUDING EXPLOSIVE DEVICES)	
ROTOR BRAKE	
TAIL PYLON FOLD	
UHF/DF	
XPDR COMPUTER (KIT-1A)	(NOTE 5)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AFCS (SAS #2, TRIM, AUTOPILOT AND BAROMETRIC ALTITUDE HOLD REQUIRED)	
AHRS (A/24G39) (2 OF 2 REQUIRED)	
AIRSPEED INDICATORS (2 OF 2 REQUIRED)	
ATTITUDE INDICATOR (ID2177/ASQ) (2 OF 2 REQUIRED)	
BAROMETRIC ALTIMETER (AAU/31A AND AAU/32)	
CLOCK (ABU-11A) (PILOT OR ATO REQUIRED)	
ENGINE ANTI-ICE	
IFF TRANSPONDER (AN/APX-100(V)1)	
LIGHTING SYSTEMS	
MAGNETIC STANDBY COMPASS	(NOTE 6)
MODE SELECT PANELS	
NSIU (SA2213/ASQ)	
PITOT HEAT	
PRESSURE ALTIMETERS (2 OF 2 REQUIRED)	
RADAR ALTIMETER (APN-194)	
REMOTE COMPASS TRANSMITTER (ML-1) (1 OF 2 REQUIRED)	
ROTOR DE-ICE	(NOTE 5)
SEATS (CREWMEMBER REQUIRED)	
TACAN (AN/ARN-118(V))	

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SH-60B (cont)

TURN-AND-SLIP INDICATORS (2 OF 2 REQUIRED)
TURN RATE GYRO (1 OF 2 REQUIRED)
WINDSHIELD ANTI-ICE
WINDSHIELD WIPER SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ANTI-COLLISION LIGHTS (2 OF 2 REQUIRED)
APU
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
ENGINES
FIRE DETECTION/EXTINGUISHING SYSTEM (INCLUDING
EXPLOSIVE DEVICES)
FLIGHT CONTROLS
FUEL SYSTEM
HYDRAULIC/PNEUMATIC SYSTEM
ICS (ALL CREWMEMBERS)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 6)
LANDING GEAR
POWER PLANT INSTALLATION
ROTOR SYSTEM
STABILATOR SYSTEM
TRANSMISSIONS/DRIVES
UHF RADIO (ARC-159) OR VHF/UHF (ARC-182) (1 OF 2
REQUIRED)
CONDITIONAL INSPECTION (NOTE 7)
ENGINE INSPECTION (NOTE 7)
PHASE INSPECTION (NOTE 7)
SPECIAL INSPECTION (NOTE 7)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 7)

NOTES:

1. IF THE AIRCRAFT ROTOR BLADES CAN BE FOLDED UTILIZING THE BLADE FOLD TEST SET, ASSIGN ALPHA CHARACTER (B) OF THE EOC CODE. IF THE BLADES CANNOT BE FOLDED, ASSIGN ALPHA CHARACTER (K).

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SH-60B (cont)

2. IF PRIMARY UTILIZATION IS OTHER THAN THE UTILITY MISSION, ASSIGN ALPHA CHARACTER (B). IF PRIMARY UTILIZATION IS THE UTILITY MISSION, ASSIGN ALPHA CHARACTER (J).
3. IF THE DISCREPANCY ALLOWS FULL SYSTEM UTILIZATION IN A DEGRADED MODE, ASSIGN ALPHA CHARACTER (B) OF THE EOC CODE. IF RAST CANNOT BE UTILIZED, ASSIGN ALPHA CHARACTER (K).
4. ASSIGNING EOC CODES FOR ENVIRONMENTAL CONTROL SYSTEM (ECS) DISCREPANCIES IS DEPENDENT ON THE OPERATING ENVIRONMENT. FOR EXTREME TEMPERATURE CONDITIONS (HOT OR COLD) WHERE INOPERATIVE ECS IS EXPECTED TO CAUSE ELECTRONIC FAULTS (CMUX, NSIU, ETC.) OR AIRCREW DISCOMFORT GREAT ENOUGH TO AFFECT THE MISSION, ASSIGN EOC CODE (J). FOR LESS SEVERE OPERATING ENVIRONMENTS, WHERE NO AFFECT ON THE MISSION IS ANTICIPATED, ASSIGN EOC CODE (B) TO ECS DISCREPANCIES.
5. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
6. EITHER THE MAGNETIC STANDBY COMPASS OR ONE OF THE ML-1 COMPASS SYSTEMS MUST BE FUNCTIONAL.
7. AS APPLICABLE PER REFERENCE (c).

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SH-60F

TYPE EQUIPMENT CODE: AHZB

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

CARGO HOOK (NOTE 1)
EMERGENCY LOCATION TRANSMITTER
FLOTATION (INCLUDING EXPLOSIVE DEVICES)
LANDING/HOVER LIGHTS
MAIN AND TAIL ROTOR POSITIONING
MIRRORS
RAST (NOTES 1,2)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full ASW mission. The aircraft is not capable of using active/passive sonar, localizing and fixing sonobuoy positions, receiving and recording sonobuoy acoustic data, or using all attack options. The aircraft is PMC, M or S.

AFCS (SAS #1 REQUIRED)
AIRBORNE COMPUTER (AN/ASN-150) (2 OF 2 REQUIRED)
ENCODER (TSEC/KY-58) (2 OF 2 REQUIRED) (NOTE 1)
MISSION TAPE RECORDER SYSTEM (AN/AQH-9)
MULTIFUNCTION DISPLAY (2 OF 2 REQUIRED)
ON TOP POSITION INDICATOR (AN/ARN-146)
SONAR (AQS-13F) (ACTIVE/PASSIVE INCLUDING
SONOBUOY PROCESSING)
SONOBUOY RECEIVER (2 OF 2 REQUIRED)
VHF/UHF RADIO (AN/ARC-182) (2 OF 2 REQUIRED)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the basic ASW mission. The aircraft is not capable of using active sonar, localizing and fixing (reference navigation), or conducting IMC/night SAR. The aircraft is PMC, M or S.

AFCS (HOVER/COUPLER INCLUDING CABLE ANGLE REQUIRED)
ASO/TSO CONTROL DISPLAY UNIT CDU (2 OF 2 REQUIRED)
DOPPLER (AN/APN-217(V)3)
GLOBAL POSITIONING SYSTEM (NOTE 1)
MULTIFUNCTIONAL DISPLAY (COPILOT REQUIRED)
ON TOP POSITION INDICATOR (AN/ARN-146)
SEARCH LIGHT

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SH-60F (cont)

SONAR (AQS-13F) (ACTIVE)
SONAR DATA COMPUTER (AQS-13E)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic weapons delivery mission. The aircraft is not capable of all basic ASW attack functions based on visual or vectored targeting for delivering air launched ordnance from at least one station. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION
ARMAMENT SYSTEM CONTROLLER (NOTE 3)
CHAFF/SONOBUOY LAUNCHER
REMOTE COMPASS TRANSMITTER (ML-1)
STORES RACK (BRU-14/A)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of conducting HF communication, safe movement on or off a ship during day, night and inclement weather conditions, using encrypted IFF, in-flight refueling or conducting day/VMC SAR and utility. The aircraft is PMC, M or S.

ASO/TSO CONTROL DISPLAY UNIT (1 REQUIRED) (NOTE 4)
AUTOMATIC BLADE FOLD (NOTE 5)
AUXILIARY FUEL TANK (EXTERNAL) (NOTE 1)
BLADE FOLD (NOTE 5)
ENCODER (TSEC/KIT-1A) (NOTE 1)
ENCODER (TSEC/KY-58) (1 OF 2 REQUIRED) (NOTE 1)
ENCODER (TSEC/KY-75) (NOTE 1)
FUEL DUMP
HF RADIO (ARC-174)
HIFR
PRESSURE REFUEL
RADAR ALTIMETER (AN/APN-194V)
RAST INSTALLATION (NOTES 1,2)
RESCUE HOIST (INCLUDING EXPLOSIVE DEVICES)
ROTOR BRAKE
TAIL OLEO ACTUATING SYSTEM
TAIL PYLON FOLD
UHF/DF

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission.

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SH-60F (cont)

The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AFCS (SAS#2, TRIM, AUTOMATIC PILOT AND BAROMETRIC
ALTITUDE HOLD REQUIRED)
AHRS (A/A24G-39) (2 OF 2 REQUIRED)
AIRSPEED INDICATORS (2 OF 2 REQUIRED)
ATTITUDE INDICATOR (ID-2177/ASQ) (2 OF 2 REQUIRED)
BAROMETRIC ALTIMETERS (2 OF 2 REQUIRED)
CLOCK (ABU-11A) (PILOT OR COPILOT REQUIRED)
ENGINE ANTI-ICE (NOTE 6)
HSVD (AN/ASQ-200) (2 OF 2 REQUIRED)
IFF TRANSPONDER (AN/APX-100(V)1)
LIGHTING SYSTEMS
MAGNETIC STANDBY COMPASS
MODE SELECT PANEL (2 OF 2 REQUIRED)
PITOT HEAT
REMOTE COMPASS TRANSMITTER (ML-1) (1 OF 2 REQUIRED)
ROTOR DE-ICE (NOTES 2,6)
TACAN (AN/ARN-118V)
TURN-AND-SLIP INDICATORS (2 OF 2 REQUIRED)
TURN RATE GYRO (1 OF 2 REQUIRED)
WINDSHIELD ANTI-ICE (NOTE 6)
WINDSHIELD WIPER SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
AIRBORNE COMPUTER (AN/ASN-150) (1 OF 2 REQUIRED)
AIR START SYSTEM
ANTI-COLLISION LIGHTS (1 OF 2 REQUIRED)
APU
COMMUNICATIONS SYSTEM CONTROLLER
CONTROL DISPLAY UNIT (PILOT/COPILOT REQUIRED)
ELECTRICAL SYSTEM
EMERGENCY EQUIPMENT
ENGINES
FIRE DETECTION/EXTINGUISH SYSTEM (INCLUDING EXPLOSIVE
DEVICES)

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SH-60F (cont)

FLIGHT CONTROLS
FUEL SYSTEM
HYDRAULIC/PNEUMATIC SYSTEM
INSTRUMENT/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 7)
LANDING GEAR
MODE SELECT PANEL (1 OF 2 REQUIRED)
POWER PLANT INSTALLATION
ROTOR SYSTEM
STABILATOR SYSTEM
TRANSMISSION/DRIVES
VHF/UHF RADIO (AN/ARC-182) (1 OF 2 REQUIRED)
CONDITIONAL INSPECTION (NOTE 8)
ENGINE INSPECTION (NOTE 8)
PHASE INSPECTION (NOTE 8)
SPECIAL INSPECTION (NOTE 8)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 8)

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. IF THE DISCREPANCY ALLOWS FULL SYSTEM UTILIZATION IN A DEGRADED MODE, ASSIGN ALPHA CHARACTER (B), IF RAST CANNOT BE UTILIZED, ASSIGN ALPHA CHARACTER (K)
3. PHYSICAL REMOVAL OF ARMAMENT SYSTEM CONTROLLER DISABLES THE STORES JETTISON CIRCUIT. NOTHING CAN BE CARRIED ON WEAPONS STATIONS, INCLUDING AUXILIARY FUEL, WITHOUT AN ASC INSTALLED, EVEN THOUGH IT MAY NOT BE FUNCTIONAL FOR NORMAL WEAPONS RELEASE.
4. THE TSO CDU AND THE RESCUE STATION ICS OR BOTH ASO/TSO CDU'S REQUIRED TO ENSURE ICS AVAILABLE TO BOTH CREWMEN.
5. IF THE AIRCRAFT ROTOR BLADES CAN BE FOLDED UTILIZING THE BLADE FOLD TEST SET, ASSIGN ALPHA CHARACTER (B) OF THE EOC. IF THE BLADES CANNOT BE FOLDED, ASSIGN ALPHA CHARACTER (K).
6. REQUIRED ONLY WHEN OPERATING IN AREAS OF KNOWN OR FORECAST ICING CONDITIONS.
7. EITHER THE MAGNETIC STANDBY COMPASS OR ONE OF THE ML-1 REMOTE COMPASS SYSTEMS MUST BE FUNCTIONAL.
8. AS APPLICABLE PER REFERENCE (c).

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HH-60H

TYPE EQUIPMENT CODE: AHZE

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

EMERGENCY LOCATION TRANSMITTER
FLOTATION (INCLUDING EXPLOSIVE DEVICES)
MIRRORS
TROOP SEATS

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full strike rescue and special warfare missions. The aircraft is not capable of conducting active/passive countermeasures, conducting IMC/night SAR, or long range navigation. The aircraft is PMC, M or S.

AFCS (HOVER/COUPLER REQUIRED)
AFCS (SAS #1 REQUIRED)
AIRBORNE COMPUTER (AN/ASN-150) (2 OF 2 REQUIRED)
AIR CONDITIONING/PRESSURIZATION
ARMAMENT SYSTEM CONTROLLER (NOTE 1)
ARMORED SEATS
CARGO HOOK (INCLUDING EXPLOSIVE DEVICES) (NOTE 2)
CONTROL DISPLAY UNIT (CREWMAN, 2 REQUIRED)
COUNTERMEASURES SET (AN/ALQ-144)
DOPPLER (AN/APN-217(V)3)
ELECTRONIC COUNTERMEASURES SET (AN/ALE-39) (NOTE 2)
ENCODER (TSEC/KY-75) (NOTE 2)
ENGINE IR SUPPRESSORS
GLOBAL POSITIONING SYSTEM (NOTE 2)
HF RADIO (ARC-174)
M-60D SYSTEM
MULTIFUNCTIONAL DISPLAY (2 OF 2 REQUIRED)
NVG COMPATIBLE LIGHTING
RADAR SIGNAL DETECTING SET (AN/APR-39)
REMOTE COMPASS TRANSMITTER (ML-1) (2 OF 2 REQUIRED)
STORES RACK (BRU-14/A) (NOTE 2)
VHF/UHF RADIO (AN/ARC-182) (2 OF 2 REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the basic SAR mission. The aircraft is not capable of safe movement on or off a ship during day, night and inclement weather conditions, safely

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HH-60H (cont)

stowable on ship, using encrypted IFF, HIFR or conducting day/
VMC SAR and utility missions. The aircraft is PMC, M or S.

ADF/DF	
AUTOMATIC BLADE FOLD	
AUXILIARY FUEL TANK (EXTERNAL)	(NOTE 2)
ENCODER (TSEC/KIT-1A)	(NOTE 2)
ENCODER (TSEC/KY-58)	(NOTE 2)
FUEL DUMP	
HIFR	
PRESSURE REFUELING	
RADAR ALTIMETER (AN/APN-194(V))	
RAST INSTALLATION	(NOTE 2)
ROTOR BRAKE	
RESCUE HOIST (INCLUDING EXPLOSIVE DEVICES)	
TAIL OLEO ACTUATING SYSTEM	
TAIL PYLON FOLD	

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AFCS (SAS #2, AUTO PILOT AND ALTITUDE HOLD)	
AHRS (A/A24G-39) (2 OF 2 REQUIRED)	
ATTITUDE INDICATOR (ID-2177/ASQ) (2 OF 2 REQUIRED)	
CLOCK (ABU-11A) (PILOT OR COPILOT REQUIRED)	
ENGINE ANTI-ICE	
HSVD (AN/ASQ-200) (2 OF 2 REQUIRED)	
IFF TRANSPONDER (AN/APX-100(V)) 1	
LIGHTING SYSTEMS	
MAGNETIC STANDBY COMPASS	
PITOT HEAT	
PRESSURE ALTIMETER (2 OF 2 REQUIRED)	
REMOTE COMPASS TRANSMITTER (ML-1) (1 OF 2 REQUIRED)	(NOTE 2)
ROTOR DE-ICE	
TACAN (AN/ARN-118(V))	
WINDSHIELD ANTI-ICE	
WINDSHIELD WIPER SYSTEM	

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and

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HH-60H (cont)

necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRBORNE COMPUTER (AN/ASN-150) (1 OF 2 REQUIRED)
ANTI-COLLISION LIGHTS (1 OF 2 REQUIRED)
AIRFRAME
APU
COMMUNICATIONS SYSTEM CONTROLLER
CONTROL DISPLAY UNIT (PILOT AND COPILOT REQUIRED)
ELECTRICAL SYSTEM
EMERGENCY EQUIPMENT
ENGINES
FIRE DETECTION/EXTINGUISHING SYSTEM (INCLUDING
EXPLOSIVE DEVICES)
FLIGHT CONTROLS
FUEL SYSTEM
HYDRAULIC/PNEUMATIC SYSTEM
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)
LANDING GEAR
MODE SELECT PANEL
POWER PLANT INSTALLATION
ROTOR SYSTEM
STABILATOR SYSTEM
TRANSMISSIONS/DRIVES
VHF/UHF RADIO (AN/ARC-182) (1 OF 2 REQUIRED)
CONDITIONAL INSPECTION (NOTE 4)
ENGINE INSPECTION (NOTE 4)
PHASE INSPECTION (NOTE 4)
SPECIAL INSPECTION (NOTE 4)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 4)

NOTES:

1. PHYSICAL REMOVAL OF ARMAMENT SYSTEM CONTROLLER DISABLES THE STORES JETTISON CIRCUIT. NOTHING CAN BE CARRIED ON WEAPONS STATIONS, INCLUDING AUXILIARY FUEL, WITHOUT AN ASC INSTALLED, EVEN THOUGH IT MAY NOT BE FUNCTIONAL FOR NORMAL WEAPONS RELEASE.
2. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
3. EITHER THE MAGNETIC STANDBY COMPASS OR ONE OF THE ML-1 REMOTE COMPASS SYSTEMS MUST BE FUNCTIONAL.
4. AS APPLICABLE PER REFERENCE (c).

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F/A-18A/B/C/D

TYPE EQUIPMENT CODES: AMAA/AMAE/AMAF/AMAG

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AUTOMATIC DIRECTION FINDER SET

CLOCK

EXTERNAL POWER SYSTEM

MAGNETIC COMPASS (AQU-3/A)

STRIKE CAMERA SYSTEM

(NOTE 1)

VIDEO TAPE RECORDER

(NOTE 1)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the escort/strike mission. The aircraft is not capable of independent detection and destruction of aircraft/missiles under all-weather conditions or providing protective escort for strike and support forces using all air-to-air weapons in a multi-threat ECM environment. The aircraft is PMC, M or S.

LAU-116

(NOTE 1)

LAU-117

(NOTE 1)

MISSILE ILLUMINATION GROUP SPARROW

SPARROW MISSILE EJECTOR LAUNCHER

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the strike mission. The aircraft is not capable of conducting interdiction or war-at-sea missions using all weapons and delivery modes compatible with aircraft regardless of terrain, weather or enemy defenses. The aircraft is PMC, M or S.

AMAC SYSTEM

(NOTES 1,2)

WEAPON CONTROL (HUD, MULTIPURPOSE DISPLAY
GROUP)

(NOTE 3)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the visual attack mission. The aircraft is not capable of conducting missions under VMC, using system deliveries of conventional ordnance, conducting anti-radiation missile strike support, close air support for friendly forces with forward air controller. The aircraft is PMC, M or S.

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F/A-18A/B/C/D/ (cont)

ACM (AWG-25) (HARM)	(NOTE 1)
ANTI-G SUIT PRESSURE	
ARMAMENT CONTROL PROC SET	
CENTERLINE PYLON (SUU-62)	(NOTE 1)
CHAFF COUNTERMEASURES SET (ALE-39)	(NOTE 1)
COUNTERMEASURES SET (ALQ-126 OR ALQ-165)	(NOTE 1)
DATA STORAGE UNIT	
DIGITAL MAP	
EW THREAT DISPLAY	
FLIR POD AND ADAPTER	(NOTE 1)
HAVEQUICK/SINCGARS (ARC-182)	
HORIZONTAL INDICATOR	(NOTE 4)
LASER SPOT TRACKER AND ADAPTER	(NOTE 1)
LASER TARGET DESIGNATOR/RANGER	(NOTE 1)
NAVIGATION FLIR	
NIGHT VISION GOGGLES	
PALLETIZED GUN SYSTEM (M61A1)	
RADAR LIQUID COOLING SYSTEM	
RADAR SET (APG-65)	(NOTE 4)
RADAR WARNING RECEIVER (ALR-67)	(NOTE 1)
SELECTIVE STORES JETTISON SYSTEM	
SIDEWINDER MISSILE SYSTEM	
SIDEWINDER LAUNCHERS (LAU-7A)	(NOTE 1)
THREAT WARNING LIGHT DISPLAY GROUP	
WEAPON RELEASE RACKS (BRU-32/A or BRU-32A/A)	(NOTE 1)
WEAPON SYSTEM CONTROL FUNCTION (HOTAS)	(NOTE 4)
WING PYLONS (SUU-63)	(NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off CV/SATs during day, night and inclement weather conditions, conducting independent navigation, using encrypted radio voice communications and IFF, or in-flight refueling (receive). The aircraft is PMC, M or S.

AIR REFUELING PROBE	
AIR REFUELING PROBE FLOOD LIGHT	
ANGLE-OF-ATTACK SYSTEM AND INDEX LIGHTS	
APPROACH POWER COMPENSATOR SYSTEM	
BOARDING LADDER DRAG BRACE	
CATAPULT SYSTEM	
EMERGENCY JETTISON SYSTEM	
ILS RECEIVER/DECODER (ARA-63)	(NOTE 5)

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F/A-18A/B/C/D (CONT)

MISSION COMPUTERS (BOTH REQUIRED)	
RADAR BEACON (APN-202) AND RT (1028/APN-202)	(NOTE 5)
RECEIVER TRANSMITTER PROCESSOR (RT-1379/ASW)	(NOTE 5)
SECONDARY POWER SUPPLY (APU)	
SECURE IFF (KIT 1A) (MODE 4)	(NOTE 1)
SECURE VOICE (KY-58)	(NOTE 1)
WING FOLD	

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communications, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ALTIMETER, ELECTRONIC (APN-194(V))	
ENGINE ANTI-ICE SYSTEM	
EXTERIOR LIGHTING (POSITION AND FORMATION)	(NOTE 6)
IFF TRANSPONDER (APX-100(V))	
INTERIOR LIGHTING	
MISSION COMPUTERS (AYK-14) (MC1 REQUIRED)	
PITOT/ANGLE-OF-ATTACK PROBE HEATER SYSTEM	
TACTICAL NAVIGATION SET (ARN-118(V))	
TAXI LIGHT	
UP FRONT CONTROL	
WINDSHIELD ANTI-ICE AND RAIN REMOVAL	
WHEEL ANTI-SKID CONTROL SYSTEM	

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
BOMBING NAVIGATION (INS)
CSC
DECELERATION EQUIPMENT/DROGUE PARACHUTE
ELECTRICAL SYSTEMS
EMERGENCY/PARKING BRAKE
EMERGENCY EQUIPMENT
EMERGENCY RADIO

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F/A-18A/B/C/D (cont)

EMI PROTECTION DEVICES	(NOTE 7)
ENGINES	
EXPLOSIVE DEVICES	
FLIGHT CONTROLS	
FLIGHT REFERENCE	(NOTE 8)
FUEL SYSTEM (FUSELAGE AND WINGS)	
FUSELAGE COMPARTMENTS	
HYDRAULIC/PNEUMATIC SYSTEM	
ICS (REQUIRED IN F/A-18B AND F/A-18D)	
INSTRUMENTS/INSTRUMENT SYSTEM (WUC 51 SERIES)	(NOTE 9)
INTEGRATED GUIDANCE AND FLIGHT CONTROL (ASN-130 OR ASN-139)	
LANDING GEAR	
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT) (2 MINIMUM)	
MAINTENANCE SIGNAL DATA RECORDER SET	
MISCELLANEOUS UTILITIES	
OXYGEN SYSTEMS/OBOGS	
POWER PLANT INSTALLATION	
STRAIN GAUGES	(NOTE 10)
UHF COMMUNICATION SYSTEMS (1 REQUIRED)	
WEAPON CONTROL (HEAD-UP DISPLAY, MULTIPURPOSE DISPLAY GROUP)	(NOTE 3)
WEAPON DELIVERY	
CONDITIONAL INSPECTION	(NOTE 11)
ENGINE INSPECTION	(NOTE 11)
PHASE INSPECTION	(NOTE 11)
SPECIAL INSPECTION	(NOTE 11)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 11)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. NOT APPLICABLE TO VMFA SQUADRONS UNLESS ASSIGNED TO CVW.
3. HUD, LEFT AND RIGHT DDI, KI REQUIRED FOR MISSIONS A, B, C AND D. HUD AND LEFT DDI REQUIRED FOR MISSIONS J, K AND L.
4. ALL AIR-TO-AIR, ACM, AND AIR-TO-GROUND MODES REQUIRED.
5. EITHER: RADAR BEACON (APN-202 AND RT (1028/APN-202), OR ILS RECEIVER/DECODER (ARA-63) AND RECEIVER TRANSMITTER PROCESSOR (RT-1379/ASW) REQUIRED.
6. ONLY REQUIRED TO BE CODED (L) IF LESS THAN TWO (2) POSITION LIGHTS AND THREE (3) FORMATION LIGHTS ARE OPERABLE ON EACH

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F/A-18A/B/C/D (cont)

- SIDE OF AIRCRAFT.
7. DUE TO THE RELATIONSHIP OF ELECTROMAGNETIC INTERFERENCE (EMI) TO SAFETY OF FLIGHT, MAINTENANCE OF ALL EMI PROTECTION DEVICES SHALL BE MAINTAINED WITHIN LIMITS SPECIFIED IN THE APPROPRIATE TECHNICAL MANUALS.
 8. INCLUDES: AIR DATA COMPUTER EQUIPMENT, MAGNETIC AZIMUTH DETECTOR.
 9. INCLUDES: PRESSURE ALTIMETER (BOTH STANDBY AND RESET MODES), AIRSPEED INDICATOR, ATTITUDE REFERENCE INDICATOR, VERTICAL SPEED INDICATOR.
 10. EITHER THE PRIMARY OR THE BACKUP STRAIN GAUGE, LOCATED IN THE SEVEN STRAIN GAUGE LOCATIONS (WING ROOT, WING FOLD, FORWARD FUSELAGE, RIGHT HORIZONTAL TAIL, LEFT HORIZONTAL TAIL, RIGHT VERTICAL TAIL, LEFT VERTICAL TAIL) MUST BE OPERABLE.
 11. AS APPLICABLE PER REFERENCE (c).

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P-3A AND P-3A/B MOD
TYPE EQUIPMENT CODES: APBB/APBC

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIR CONDITIONING (AUTO MODE REQUIRED)
ANGLE-OF-ATTACK
ASH-20 SYSTEM (P-3B MOD)
BDHI (NAVIGATOR)
BT RECORDER
CLOCK (COPILOT)
DOPPLER (APN-153) (P-3A/B MOD)
ICS (ALL STATIONS REQUIRED) (NOTE 1)
IRDS VIDEO RECORDER (P-3A/B MOD) (NOTE 2)
MARKER BEACON
NAVIGATION RADIOS (VOR #1, #2 AND ADF REQUIRED)
RADAR ALTIMETER INDICATOR (PILOT)
RATE GYRO (PILOT)
SONO RECEIVER (ARR-72) (NOTE 3)
VHF COMMUNICATION

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full ASW mission. The aircraft is not capable of all acoustical receiving and data processing functions, integrated use of all sensors and weapons, full computer system operations using all displays and keysets, conducting optimal MAD or operating full navigation and communication systems. The aircraft is PMC, M or S.

AMBIENT NOISE METER (NOTE 2)
APU
AQA-7 (BOTH REQUIRED)
ASA-66 (FLIGHT STATION) (P-3A/B MOD)
TIME CODE GENERATOR (TD-900)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the surface/subsurface surveillance mission. The aircraft is not capable of basic ASW and full nonacoustic sensor detection, identifying and tracking/attacking surface/subsurface contacts, reporting contacts by secure voice and secure data link or coordinating direct support operations. The aircraft is PMC, M or S.

ENCODER (KY-58)

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P-3A AND P-3A/B MOD (cont)

ESM

HF SYSTEMS (ALL REQUIRED)

UHF SYSTEMS (2 REQUIRED)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the basic ASW mission. The aircraft is not capable of dispensing search stores, receiving adequate sonobuoy channels for effective search and localization missions, using at least one half the total acoustical processing systems for search, classification and localization (passive/active), recording acoustical sensor data, using MAD secure radio teletype communications or sonobuoy referenced navigation (when installed). The aircraft is PMC, M or S.

AIR COMPRESSOR (AERO-2B)

AQA-7 DIFAR (1 COMPLETE SYSTEM REQUIRED)

AQH-4 OR AQH-1

ARR-72

ASA-66 AND KEYSET (PILOT) (P-3A/B MOD)

CASS/DICASS (P-3A/B MOD)

(NOTE 2)

GTP-4 (P-3A)

ICS

(NOTE 1)

KW-7 (ORESTES)

MAD

MAGNETIC TAPE TRANSPORT (RD-461) (P-3A/B MOD)

RETRO (P-3A)

SEARCH STORE LAUNCH SYSTEMS

TELETYPE

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the basic surface surveillance mission. The aircraft is not capable of visual and radar (forward/aft) surveillance, operating tactical coordinator and radar displays, aircraft systems photography or SAR. The aircraft is PMC, M or S.

AFT RADAR

IFF/SIF (KIT-1A)

INTERROGATOR (APX-7)

IRDS (P-3A/B MOD)

OTPI/UHF/DF

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the weapons delivery mission. The aircraft is not capable of delivering

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P-3A AND P-3A/B MOD (cont)

conventional and special weapons, visual and radar targeting for ASW and anti-surface ship warfare attack, low altitude mine placement or deploying night illumination devices. The aircraft is PMC, M or S.

AMAC SYSTEM (T414)
ASA-13 (P-3A LESS GTP-4)
ASA-16 (P-3A)
ASA-50 (P-3A)
ASA-66 (TACCO) (P-3A/B MOD)
ASN-124 SYSTEM (P-3A/B MOD)
AUTOPILOT
DOPPLER (APN-153)
DRT
HARPOON AIRBORNE COMMAND/LAUNCH SUBSYSTEM (NOTE 2)
ICS (NOTE 1)
INTERVALOMETER
RADAR ALTIMETER (PILOT)
VERTICAL (STANDBY) GYRO
WEAPONS CONTROL/DELIVERY/JETTISON SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of long range navigation, communication and use of encrypted IFF or using forward radar operation for navigation and weather avoidance. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION (2 EDCS REQUIRED)
ASA-47 (P-3A)
FORWARD RADAR
HEADING SOURCE (BOTH INERTIAL AND AHRS SOURCES
REQUIRED)
HF COMMUNICATION SYSTEM (1 REQUIRED)
ICS (NOTE 1)
IFF (MODE 4, KIT-1A)
INERTIAL
LORAN (APN-70) (P-3A)
OMEGA (ARN-99) (P-3A/B MOD)
RADAR INDICATOR (APA-125)
SEXTANT

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight

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P-3A AND P-3A/B MOD (cont)

operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-/DE-ICING SYSTEMS
 ATTITUDE SOURCE (2 REQUIRED)
 CABIN TEMPERATURE CONTROLLER
 CLOCK (1 IN COCKPIT)
 FLIGHT STATION TEMPERATURE CONTROLLER
 IFF (MODE 3/C)
 ONE HEADING SOURCE (SLAVE MODE) (NOTE 4)
 STATIC DISCHARGERS (NOTE 5)
 TACAN (TACAN PLUS ONE OTHER: VOR #1/VOR #2/ADF)
 UHF 1/UHF 2/VHF (2 REQUIRED)
 WINDSHIELD WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communications with necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION (1 EDC REQUIRED)
 AIRFRAME
 ELECTRICAL SYSTEMS (INCLUDING 3 ENGINE DRIVEN GENERATORS) (NOTE 5)
 EMERGENCY EQUIPMENT (NOTE 5)
 EMERGENCY RADIO
 ENGINES
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS (NOTE 6)
 FLIGHT REFERENCE (NOTE 7)
 FUEL SYSTEM
 FUSELAGE COMPARTMENTS
 HYDRAULIC/PNEUMATIC SYSTEM (NOTE 1)
 ICS (NOTE 5)
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
 LANDING GEAR (NOTE 5)
 LIGHTING SYSTEMS
 MISCELLANEOUS UTILITIES (NOTE 5)
 OXYGEN SYSTEM
 POWER PLANT INSTALLATION
 PROPELLERS
 RADIO NAVIGATION (HSI SYSTEM ONLY)

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P-3A AND P-3A/B MOD (cont)

UHF OR VHF COMMUNICATION SYSTEMS (1 REQUIRED AT
PILOT OR COPILOT POSITION)

CONDITIONAL INSPECTION	(NOTE 8)
ENGINE INSPECTION	(NOTE 8)
PHASE INSPECTION	(NOTE 8)
SPECIAL INSPECTION	(NOTE 8)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 8)

NOTES:

1. ASSIGN EOC ALPHA CHARACTERS FOR INOPERATIVE ICS STATIONS AS FOLLOWS: (Z) - FLIGHT STATIONS (1 REQUIRED), AFT OBSERVER OR PA SYSTEM; (K) - NAVIGATION, RADIO OPERATOR OR SS3; (J) - TACCO OR ORDNANCE; (E) - SS1 OR SS2; (B) - ANY OTHER ICS STATION.
2. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
3. 25 CHANNEL, MUST INCLUDE 9 ACTIVE CHANNELS, 2 BTS, 3 SLOT, ASSG.
4. ALL TIP MOUNTED AND RUDDER DISCHARGERS INSTALLED AND OPERATIONAL, NO MORE THAN TWO DISCHARGERS MISSING OR NON-OPERATIONAL ON ANY OTHER SINGLE SURFACE (AILERON OR ELEVATOR), NO MORE THAN SEVEN DISCHARGERS MISSING OR NON-OPERATIONAL PER AIRCRAFT.
5. PER P-3 NATOPS AND REFERENCE (d).
6. ONE ATTITUDE SOURCE (PILOT/COPILOT); ONE HEADING SOURCE (COMPASS MODE REQUIRED).
7. IF TANK 5 IS NOT USED, FUEL DUMP OR TRANSFER PUMPS ARE NOT NEEDED.
8. AS APPLICABLE PER REFERENCE (c).

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P-3C AND P-3C UPDATE
TYPE EQUIPMENT CODE: APBD

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIR CONDITIONING (AUTO MODE REQUIRED)
ANGLE-OF-ATTACK
ASA-66 (SS1, INCLUDES ASSOCIATED DPS LOGIC) (NOTE 1)
AUTOPILOT (3-AXIS, DUAL CHANNEL REQUIRED) (NOTE 2)
BARO ALTIMETER (NAVIGATOR)
BT RECORDER
CLOCK (PILOT OR COPILOT)
DIGITAL MAGNETIC TAPE SYSTEM (AN/ASH-33A)
(2 OF 2 TAPE DRIVE UNITS REQUIRED) (NOTE 1)
DOPPLER SYSTEM (APN-187)
EMERGENCY BEACON (URT-26) (NOTE 1)
FDS
HSI (NAVIGATOR)
ICS (ALL STATIONS REQUIRED)
ILS (NOTE 1)
INTEGRATED ACOUSTIC COMMUNICATION SYSTEM
IP-919/ASA-70 ARO (2 REQUIRED, INCLUDING ASSOCIATED
DPS LOGIC)
IRDS VIDEO RECORDER (NOTE 1)
MARKER BEACON
NAVIGATION RADIOS (VOR #1, #2 AND ADF REQUIRED)
ORDNANCE KEYSER (INCLUDING ASSOCIATED DPS LOGIC)
PEANUT GYRO
PSLT'S AND SLT'S
(ALL REQUIRED-ON LINE OPERATION REQUIRED)
RADAR ALTIMETER SYSTEM (PILOT AND COPILOT)
RATE GYRO (COPILOT)
RD-319/AYA-8 (BOTH MTT'S REQUIRED) (P-3C NUD ONLY)
SATCOM (NOTE 1)
SONOBUOY REFERENCE SYSTEM (NOTE 1)
SUBMARINE ANOMALY DETECTION
TADS (NOTE 1)
VHF COMMUNICATION

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full ASW mission. The aircraft is not capable of all acoustical receiving and data processing functions, integrated use of all sensors and

P-3C AND P-3C UPDATE (cont)

weapons, full computer system operation using full computer systems, optimal mad or using full navigation and communication system. The aircraft is PMC, M, or S.

ACOUSTIC TAPE RECORDER (AN/AQH-4(V)2)	
(2 OF 2 REQUIRED)	(NOTE 1)
AMBIENT NOISE METER	(NOTE 3)
APU	
AQA-7 DIFAR (BOTH SYSTEMS REQUIRED)	(NOTE 3)
ARR-72 SONO RECEIVERS (ALL REQUIRED)	(NOTE 3)
ADVANCED SONOBUOY COMMUNICATION LINK (AN/ARR-78)	
(2 OF 2 REQUIRED)	(NOTE 16)
ASA-66 (FLIGHT STATION, INCLUDES ASSOCIATED	
DPS LOGIC)	
CGA	(NOTE 1)
FUEL SYSTEM	
INERTIALS, NAVIGATION MODE (BOTH REQUIRED)	
KEYSETS (SS1 AND SS2 REQUIRED, INCLUDING ASSOCIATED	
DPS LOGIC)	
SEARCH STORES LAUNCH SYSTEM	(NOTE 4)
STANDBY GYRO	
TIME CODE GENERATOR	
USQ-78 SYSTEM (BOTH SS1 AND SS2 REQUIRED)	(NOTE 16)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the surface/subsurface surveillance mission. The aircraft is not capable of basic ASW and full nonacoustic sensor detection, identifying and tracking/attacking surface/subsurface contacts, reporting contacts by secure voice and secure data link or coordinating in direct support operations. The aircraft is PMC, M, or S.

DATA LINK	
ENCODER (KY-28)/(KY-58)	
ESM	
HF SYSTEMS (2 OF 2 REQUIRED)	
INERTIALS (MINIMUM OF ONE IN NAV MODE AND ONE	
IN ATT REF MODE)	
KG-40	
KY-75	(NOTE 1)
UHF SYSTEMS (2 OF 2 REQUIRED)	
ULQ-16	(NOTE 1)

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P-3C AND P-3C UPDATE (cont)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the basic ASW mission. The aircraft is not capable of dispensing search stores, receiving adequate sonobouy channels for effective search and localization mission, using at least one half the total acoustical processing system for search, conducting classification and localization (passive/active), recording acoustical sensor data, MAD, conducting secure radio teletype communications for sonobouy referenced navigation (when installed). The aircraft is PMC, M, or S.

ADVANCED SONOBUOY COMMUNICATION LINK
 (AN/ARR-78) (1 OF 2 REQUIRED) (NOTE 16)
 ALQ-158 SYSTEM (INCLUDING 2 OF 2 AS3153 ANTENNAE) (NOTE 16)
 AQH-4 OR AQH-4V2
 CASS/DICASS (NOTE 1)
 DIFAR (AQA-7) (1 COMPLETE SYSTEM REQUIRED) (NOTE 3)
 FDS OR ASA-66 (PILOT) (1 REQUIRED)
 ICS (SS1 OR SS2) (NOTE 5)
 KEYSET (PILOT AND SS1 OR SS2, INCLUDES ASSOCIATED
 DPS LOGIC)
 KW-7 (ORESTES) OR KG-84
 MAD
 SEARCH STORE LAUNCH SYSTEMS (NOTE 6)
 SINGLE ADVANCED SIGNAL PROCESSOR (AN/UYS-1) (NOTE 16)
 SONO RECEIVER SYSTEM (ARR-72) (NOTE 3 & 7)
 TELETYPE
 USQ-78 SYSTEM (EITHER SS1 OR SS2 REQUIRED) (NOTE 16)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative preventing the basic surface surveillance mission. The aircraft is not capable of visual and radar (fwd/aft) surveillance, operating tactical coordinator and radar displays, conducting aircraft systems photography or conducting SAR. The aircraft is PMC, M, or S.

APS-115 (AFT RADAR) (NOTE 1)
 IFF/SIF (KIR-1A)
 INTERROGATOR (APX-76)
 IRDS (NOTE 1)
 OTPI/UHF-DF

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the weapons delivery mission. The aircraft is not capable of delivering

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P-3C AND P-3C UPDATE (cont)

conventional and special weapons, visual and radar targeting for ASW and antisurface ship warfare attack, conducting low altitude mine placement or deployed night illumination devices. The aircraft is PMC, M, or S.

AMAC SYSTEM (T414)
 ASA-70 (TACCO)
 ASQ-114 SYSTEM
 DATA PROCESSING SYSTEM (AYA-8A, 8B, 8C OR OL-337(V)/AY)
 DIGITAL MAGNETIC TAPE SYSTEM (ASH-33 OR ASH-33A)
 DOPPLER
 HARPOON AIRBORNE COMMAND/LAUNCHED SUBSYSTEM (NOTE 1)
 ICS (NOTE 8)
 IP-919/ASA-70 ARO (1 REQUIRED, INCLUDES
 ASSOCIATED LOGIC)
 RADAR ALTIMETER (PILOT AND COPILOT)
 SDC
 WEAPON CONTROL/DELIVERY/JETTISON SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of long range navigation, communication and use of encrypted IFF or forward radar operation for navigation and weather avoidance. The aircraft is PMC, M, or S.

AIR CONDITIONING/PRESSURIZATION (2 EDC REQUIRED)
 ASA-70 (SS3)
 AUTO PILOT (3 AXIS, SINGLE CHANNEL REQUIRED) (NOTE 9)
 APS-115 (FORWARD RADAR) (NOTE 1)
 APS-137 (NOTE 1)
 HF COMMUNICATION (1 REQUIRED)
 ICS (NOTE 10)
 IFF (MODE 4) (KIT 1A)
 LORAN OR OMEGA (1 REQUIRED)
 SEXTANT

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M, or S.

ANTI-/DE ICING SYSTEMS

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P-3C AND P-3C UPDATE (cont)

ATTITUDE SOURCE (2 REQUIRED EXCLUDING PEANUT GYRO)
 CABIN TEMPERATURE CONTROLLER
 CABIN TEMPERATURE GAUGE
 CLOCK (PILOT OR COPILOT)
 FLIGHT STATION TEMPERATURE CONTROLLER
 HEADING SOURCE (1 REQUIRED IN ATT REF MODE)
 IFF (MODE 3/C)
 RATE GYRO (PILOTS)
 STATIC DISCHARGERS
 TACAN (PLUS ONE OTHER VOR #1, VOR #2, ADF) (NOTE 11)
 UHF 1/UHF 1/VHF (2 REQUIRED) (NOTE 12)
 WINDSHIELD WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M, or S.

AIR CONDITIONING/PRESSURIZATION (1 EDC REQUIRED)
 AIRFRAME
 BOMBING NAVIGATION
 ELECTRICAL SYSTEMS (INCLUDING 3 ENGINE DRIVEN GENERATORS)
 EMERGENCY EQUIPMENT (NOTE 12)
 EMERGENCY RADIO (NOTE 12)
 ENGINES
 ENGINE FIRE WARNING AND EXTINGUISHING SYSTEMS
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS
 FLIGHT REFERENCE (1 ATTITUDE SOURCE IN ATT REF)
 FUEL SYSTEM
 FUSELAGE COMPARTMENTS
 HSI SYSTEM
 HYDRAULIC/PNEUMATIC SYSTEM
 ICS
 INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 14)
 LANDING GEAR (NOTE 12)
 LIGHTING SYSTEMS
 MISCELLANEOUS UTILITIES (NOTE 12)
 OXYGEN SYSTEM
 POWER PLANT INSTALLATION (NOTE 12)

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P-3C AND P-3C UPDATE (cont)

PROPELLERS
RADIO NAVIGATION
UHF/VHF COMMUNICATION SYSTEM (1 REQUIRED AT PILOT/
COPILOT STATION)
CONDITIONAL INSPECTION (NOTE 15)
ENGINE INSPECTION (NOTE 15)
PHASE INSPECTION (NOTE 15)
SPECIAL INSPECTION (NOTE 15)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 15)

NOTES:

1. IF INCORPORATED. IF REQUIRED WEAPONS REPLACEABLE ASSEMBLIES (WRA's) WERE NOT PROVIDED ON A ONE FOR ONE BASIS FOR AIRCRAFT MODIFIED, REPORT ON THE OPERATIONAL STATUS OF ONLY THE PROVISIONS (WIRING, PLUMBING, ETC) FOR AIRCRAFT NOT OUTFITTED WITH WRA's.
2. LOSS OF DUEL-CHANNEL CAPABILITY IN ANY ONE OF ALL THREE AXIS SYSTEM UNIT OPERATE IN ALL THREE AXIS WITHOUT REPEATED DISCONNECTS.
3. APPLICABLE TO P-3C NUD, UDI, UDII AND UDII.5.
4. 2 PLST AND 36 SLT REQUIRED. ON-LINE AND OFF-LINE LAUNCH CAPABILITY REQUIRED.
5. SS1 AND SS2 STATIONS PLUS NOTES 8, 10 AND 14.
6. 1 PLST AND 32 SLT REQUIRED. ON-LINE AND OFF-LINE LAUNCH CAPABILITY REQUIRED
7. 25 CHANNELS, MUST INCLUDE 8 ACTIVE CHANNELS, 2 BTS, 3 SLOT ASSG.
8. TACCO AND ORDNANCE STATIONS PLUS NOTES 10 AND 14.
9. ADD LOSS OF ANY ONE (OR MORE) COMPLETE AXIS TO NOTE 4.
10. SS3 AND NAVIGATION STATIONS PLUS NOTE 14.
11. ALL TIP MOUNTED AND RUDDER DISCHARGERS INSTALLED AND OPERATIONAL, NO MORE THAN TWO DISCHARGERS MISSING OR NON-OPERATIONAL ON ANY OTHER SINGLE SURFACE (AILERON OR ELEVATOR), NO MORE THAN SEVEN DISCHARGERS MISSING OR NON-OPERATIONAL PER AIRCRAFT.
12. PER P-3 NATOPS AND REFERENCE (d).
13. IF TANK #5 IS NOT USED, FUEL DUMP OR TRANSFER PUMPS NOT REQUIRED.
14. BETWEEN FLIGHT AND AFT OBSERVER STATIONS INCLUDING PA SYSTEMS.
15. AS APPLICABLE PER REFERENCE (c).
16. APPLICABLE TO THE P-3C UDIII AIRCRAFT.

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EP-3A
TYPE EQUIPMENT CODE: APBF

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ANGLE-OF-ATTACK
APU
AUTOPILOT
CLOCKS
COMPUTER
ESM ANTENNA
ESM RECEIVERS
ICS
IFF
MARKER BEACON
NAVIGATION RADIOS
TURN-AND-SLIP INDICATOR (2 REQUIRED)
UHF/VHF COMMUNICATIONS

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the optimum reconnaissance mission. The aircraft is not capable of performing all assigned missions without degradation. The aircraft is PMC, M or S.

AUTOPILOT (WITHOUT CONTROL WHEEL STEERING)
COMPUTER (WHEN IMMEDIATE RECONSTRUCTION NECESSARY)
ENCODER (KY-28)
ESM ANTENNA (1 OF 4 REQUIRED)
ESM RECEIVER (1 OF 2 REQUIRED)
ICS
UHF/VHF COMMUNICATION (2 UHF RADIOS REQUIRED) (NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the special missions. The aircraft is not capable of integral aircraft electronic systems which allow the independent installation of components for special collection and evaluation. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION
ATTITUDE SOURCE (ALL REQUIRED)
AUTOPILOT
FUEL SYSTEM
HEADING SOURCE (ALL REQUIRED) (NOTE 2)

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EP-3A (cont)

HF COMMUNICATIONS
HSI (PILOT/COPILOT)
ICS (NOTE 3)
IFF (MODE 4/3/C TRANSPONDER)
LTN-51
SEXTANT
WEATHER RADAR

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION (NOTE 4)
ANTI-/DE-ICING SYSTEMS
ATTITUDE SOURCE (NOTE 5)
CLOCK (PILOT OR COPILOT REQUIRED)
HEADING SOURCE (1 SOURCE IN SLAVE MODE)
IFF (MODE 3/C TRANSPONDER)
NAVIGATION RADIOS (NOTE 6)
PITOT STATIC SYSTEM
STATIC DISCHARGERS (NOTE 7)
TURN-AND-SLIP INDICATOR (1 REQUIRED)
WINDSHIELD WIPERS
UHF #1/UHF #2/VHF (2 OF 3 REQUIRED)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION (NOTE 8)
AIRFRAME
BOMBING NAVIGATION
ELECTRICAL SYSTEMS (3 ENGINE DRIVEN GENERATORS)
EMERGENCY EQUIPMENT (NOTE 9)
EMERGENCY RADIO (NOTE 9)
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCES (NOTE 10)

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EP-3A (cont)

FUEL SYSTEM	(NOTE 11)
FUSELAGE COMPARTMENTS	
HYDRAULIC/PNEUMATIC SYSTEM	(NOTE 12)
ICS	(NOTE 9)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)	
LANDING GEAR	(NOTE 9)
LIGHTING SYSTEMS	
MISCELLANEOUS UTILITIES	(NOTE 9)
OXYGEN SYSTEMS	
POWER PLANT INSTALLATION	
PROPELLERS	
RADAR NAVIGATION	
RADIO NAVIGATION (HSI SYSTEM ONLY)	
UHF/VHF COMMUNICATION SYSTEMS (1 REQUIRED AT PILOT/COPILOT STATION)	
WEAPON CONTROL	(NOTE 13)
CONDITIONAL INSPECTION	(NOTE 13)
ENGINE INSPECTION	(NOTE 13)
PHASE INSPECTION	(NOTE 13)
SPECIAL INSPECTION	(NOTE 13)
TECHNICAL DIRECTIVE COMPLIANCE	

NOTES:

1. TEST DIRECTOR.
2. WITHOUT CONT WHEEL STEERING AND RADAR ALT HOLD.
3. NAVIGATION AND RADIO STATIONS PLUS NOTE 1.
4. ONE EDC, TEMPERATURE AND PRESSURE CONTROLLER PLUS ITEMS IN NOTE 17.
5. STANDBY GYRO/AHRS/INS 2 OUT OF 3 DISPLAYED AT PILOT/COPILOT STATIONS.
6. TACAN/VOR #1/VOR #2/ADF PREFLIGHT REQUIREMENTS IN COMPLIANCE WITH NOTE 8.
7. ALL TIP MOUNTED AND RUDDER DISCHARGERS INSTALLED AND OPERATIONAL, NO MORE THAN TWO DISCHARGERS MISSING OR NON-OPERATIONAL ON ANY OTHER SINGLE SURFACE (AILERON OR ELEVATOR), NO MORE THAN SEVEN DISCHARGERS MISSING OR NON-OPERATIONAL PER AIRCRAFT.
8. AUXILIARY VENTILATION AND CABIN EXHAUST FAN REQUIRED.
9. PER P-3 NATOPS AND REFERENCE (d).
10. STANDBY GYRO/AHRS/INS (1 OUT OF 3 DISPLAYED AT PILOT STATION).
11. IF TANK #5 NOT USED, TRANSFER PUMPS NOT REQUIRED.
12. BETWEEN FLIGHT STATION AND AFT OBSERVER, PLUS STATIONS IN NOTE 3, INCLUDING PA SYSTEM.
13. AS APPLICABLE PER REFERENCE (c).

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RP-3D

TYPE EQUIPMENT CODE: APBJ

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIR CONDITIONING/PRESSURIZATION (2 EDC'S REQUIRED)
ANGLE-OF-ATTACK
AUTOPILOT (3 AXIS, DUAL CHANNEL REQUIRED)
CLOCK (ALL REQUIRED)
FUEL SYSTEM (TANK #6 AND TRANSFER SYSTEM OPERATIVE)
HF/UHF/VHF COMMUNICATIONS (ALL REQUIRED)
HSI (NAVIGATOR)
ICS (ALL STATIONS REQUIRED)
MAD
MARKER BEACON
NAVIGATION RADIOS (ALL REQUIRED)
PEANUT GYRO (IF APPLICABLE)
RADAR ALTIMETER INDICATOR (COPILOT)
RADAR INDICATOR (PILOT) (153443)
RATE GYRO (COPILOT)
SEARCH STORE LAUNCH SYSTEM (ALL REQUIRED)
SONO RECEIVER (ARR-52 OR ARR-72) (ALL REQUIRED)
TURN-AND-SLIP INDICATOR (BOTH REQUIRED)
UHF/DF

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the full oceanographic sub-surface surveillance mission utilizing full navigation and communication systems. The aircraft is PMC, M or S.

DOPPLER
IFF (ALL MODES AND KIT 1A)
INERTIALS NAV MODE (BOTH REQUIRED)
KY-28
SONO RECEIVER (ARR-52/72) (NOTE 1)
UHF (1 REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the basic reconnaissance mission. The aircraft is not capable of long range navigation, communication and uses of encrypted IFF or forward radar operation for navigation and weather avoidance. The aircraft is PMC, M or S.

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RP-3D (cont)

AIR CONDITIONING/PRESSURIZATION

APU

AUTOPILOT (3 AXIS, SINGLE CHANNEL REQUIRED)

FUEL TANK (TANK #5 AND TRANSFER SYSTEM OPERABLE)

HF COMMUNICATION (1 REQUIRED)

ICS (RADAR AND NAV REQUIRED)

IFF (MODE 4, KIT 1A REQUIRED)

INERTIALS (1 NAV AND 1 SLAVE)

LORAN OR OMEGA (1 REQUIRED)

RADAR

RADAR ALTIMETER (PILOT)

SEXTANT

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION (1 EDC REQUIRED) (NOTE 2)

ANTI-/DE-ICING SYSTEM

ATTITUDE SOURCE (STANDBY GYRO PLUS ONE OTHER)

CLOCK (1 IN COCKPIT)

FLIGHT STATION TEMPERATURE CONTROLLER

HEADING SOURCE (WET COMPASS PLUS ONE OTHER)

IFF (MODE 3 AND C REQUIRED)

NAVIGATION RADIOS

(NOTE 3)

STATIC DISCHARGERS

(NOTE 4)

TEMPERATURE GAUGE (CABIN)

TEMPERATURE CONTROLLER (CABIN)

TURN-AND-SLIP (1 REQUIRED)

WINDSHIELD WIPERS

UHF/VHF COMMUNICATION (APPLICABLE FOR ENVIRONMENT)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION

(NOTES 2,5)

AIRFRAME

BOMBING/NAVIGATION

ELECTRICAL SYSTEMS (3 ENGINE DRIVEN GENERATORS)

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RP-3D (cont)

EMERGENCY EQUIPMENT	
ENGINES	
EXPLOSIVE DEVICES	
FLIGHT CONTROLS	
FLIGHT REFERENCE	(NOTE 6)
FUEL SYSTEMS	(NOTE 7)
FUSELAGE COMPARTMENTS	
HYDRAULIC/PNEUMATIC SYSTEMS	
ICS (BETWEEN FLIGHT AND AFT OBSERVERS STATIONS INCLUDING PA SYSTEM)	
INSTRUMENTS/INSTRUMENT SYSTEMS (51 SERIES WUC)	(NOTE 8)
LANDING GEAR	
LIGHTING SYSTEMS	(NOTE 8)
MISCELLANEOUS UTILITIES	
OXYGEN SYSTEMS	(NOTE 8)
POWER PLANT INSTALLATION	
PROPELLERS	
RADAR (NOT REQUIRED FOR LOCAL AREA FLIGHTS)	
UHF/VHF COMMUNICATIONS SYSTEM (APPLICABLE FOR ENVIRONMENT)	
RADIO NAVIGATION (HSI ONLY)	
CONDITIONAL INSPECTION	(NOTE 9)
ENGINE INSPECTION	(NOTE 9)
PHASE INSPECTION	(NOTE 9)
SPECIAL INSPECTION	(NOTE 9)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 9)

NOTES:

1. CHANNELS 12, 14, 16 (2 OUT OF 3) 75% OF REMAINING CHANNELS.
2. OPERATIONS IN AREAS OF ELEVATION GREATER THAN 8000 FEET REQUIRE OPERABLE PRESSURIZATION.
3. DEDICATED VOR, TACAN OR ADF REQUIRED AS NECESSARY TO FLY PLANNED ROUTE AND MISSION.
4. ALL TIP MOUNTED AND RUDDER DISCHARGERS INSTALLED AND OPERATIONAL, NO MORE THAN TWO DISCHARGERS MISSING OR NON-OPERATIONAL ON ANY OTHER SINGLE SURFACE (AILERON OR ELEVATOR), NO MORE THAN SEVEN DISCHARGERS MISSING OR NON-OPERATIONAL PER AIRCRAFT.
5. AUXILIARY VENTILATION AND CABIN EXHAUST FAN REQUIRED.
6. ONE INERTIAL IN COMPASS MODE, STANDBY GYRO/INS 1/INS 2 (1 OUT OF 3 DISPLAY AT PILOT STATION).
7. IF TANKS #5 AND #6 NOT USED, TRANSFER PUMPS NOT NEEDED.
8. P-3 NATOPS AND REFERENCE (d).
9. AS APPLICABLE PER REFERENCE (c).

OPNAVINST 5442.4M

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EP-3E ARIES II
TYPE EQUIPMENT CODE: APBK

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIR CONDITIONING (AUTO MODE REQUIRED)
ALR-76
ANGLE OF ATTACK
AUTOPILOT (3-AXIS, DUAL CHANNEL REQUIRED)
CLOCK (COPILOT)
EMERGENCY BEACON (URT-26) (NOTE 1)
GLOBAL POSITIONING SYSTEM (GPS) RECEIVER SYSTEM
HSI (NAVIGATOR)
IP-1159
MARKER BEACON
PEANUT GYRO
PEDCOG, FR-185
RADIO NAVIGATION (VOR #1, #2 AND ADF REQUIRED)
RADAR ALTIMETER (COPILOT INDICATOR REQUIRED)
RATE GYRO (COPILOT)
RP-317/AYK HIGH SPEED PRINTER
TRUE AIRSPEED SYSTEM

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the optimum reconnaissance mission. The aircraft is not capable of performing all assigned missions without degradation. The aircraft is capable of detecting threats to the aircraft and the fleet and can expeditiously relay threat warnings to the appropriate warfare or on scene commander. The aircraft is EWMC, M or S.

APU (WHEN DEPLOYED TO REMOTE DET SITES)
ALD-9
ALQ-108 (NOTE 1)
ALR-44 SYSTEM
ALR-81
ALR-82
APX-76/KIR-1A
ARR-81 RXS (801 DTRS)
ARR-81 RXS (805 DTRS)
AYK-14 COMPUTER WITH EXTENSION UNIT
BIG LOOK AUXILIARY CONTROL
CV-4005/A CONVERTER, IF-TAPE
CV-4006/A BUS CONVERTER

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EP-3E ARIES II (cont)

CV-4007/A CONVERTER, IF-TAPE
FUEL QUANTITY SYSTEM
IP-1515 (ALL POSITIONS REQUIRED)
IP-1540 (7 REQUIRED)
IP-1541 OSCILLOSCOPE (3 REQUIRED)
IP-1067 XYZ DISPLAY (3 REQUIRED)
LTN-72 INS (NAVIGATION MODE REQUIRED IN BOTH)
OE-320 STATION 20 (DF SYSTEM AND RFD BOTH REQUIRED)
OM-75 DEMOD SYSTEM
OMNI ANTENNAE AND RFD (BOTH REQUIRED)
PRE-DETECTION UNITS
SG-1229 CLANG
SG-1294 SYNTHESIZED SIGNAL GENERATOR
SPECTRUM ANALYZER
STANDBY GYRO
TELETYPE, SECURE
TRUE HEADING SYSTEM
UHF COMMUNICATIONS (3 REQUIRED, 2 SECURE CAPABLE)
ULQ-16
URR-74/NAV
URR-78/MFP
USH-33 RECORDERS
USH-34 RECORDERS
VHF COMMUNICATIONS (2 REQUIRED)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the limited reconnaissance capability mission. The aircraft is not capable of performing reconnaissance against several objectives in a moderate to heavy electromagnetic environment. The aircraft is PMC, M or S.

ALR-81 (POSITION 9 AND 10 REQUIRED)
ALR-82 (4 POSITIONS REQUIRED)
ALR-84 MSP
APS-134 RADAR
APU
APX-72 IFF/SIF WITH MODE 4
AYK-14 (1 REQUIRED)
BIG LOOK (ANTENNA AND RFD REQUIRED)
FLIGHT DIRECTOR SYSTEM (PILOT POSITION REQUIRED)
HF COMMUNICATIONS (1 SECURE CAPABLE REQUIRED)
IP-1515 (9 POSITIONS REQUIRED)
IP-1540 (5 POSITIONS REQUIRED)
IP-1541 (1 REQUIRED)

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EP-3E ARIES II (cont)

IP-1067 (2 REQUIRED)
OE-320 ANTENNA SYSTEM AND RFD (1 EACH REQUIRED:
POSITIONS 8, 9, AND 10)
TELETYPE
UHF COMMUNICATIONS (2 SECURE CAPABLE REQUIRED)
ULQ-16 (POSITION 8 REQUIRED AND POSITION 10 OR
11 REQUIRED)
VIDEO SELECT

Assign alpha character (F) of the EOC code when any of the following system(s) are inoperative preventing the basic Electronic Warfare Support Measures (ESM) mission. The aircraft is not capable of detection, localization, classification and tracking, visual, radio DF, and RADAR active over the horizon targeting for anti-air, anti-surface, anti-submarine, and strike warfare. The aircraft is PMC, M or S.

ALR-44 SYSTEM (1 POSITION REQUIRED)
ALR-81 (1 POSITION REQUIRED)
ARR-81 (POSITIONS 14 THROUGH 20 REQUIRED AND
POSITION 8 OR 10 REQUIRED)
AYK-14 (1 POSITION REQUIRED)
IP-1515 (4 POSITIONS REQUIRED)
IP-1540 (1 POSITION REQUIRED)
SPECIAL RFD
TIMECODE GENERATOR
URR-74, URR-78 (ANY 2 REQUIRED)
UHF/ADF
USH-26
VIDEO SELECT (POSITIONS 8, 9 AND 10 REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the special missions. The aircraft integral electronic systems are not capable of allowing the independent installation of components/equipments for special collection and evaluation. The aircraft is PMC, M or S.

60 Hz POWER CONVERTER
AUTOPILOT (3 AXIS, SINGLE CHANNEL REQUIRED)
DCMS - DIGITAL COMMUNICATIONS MANAGEMENT SYSTEM (NOTE 2)
HF COMMUNICATIONS (1 SECURE CAPABLE REQUIRED)
SEXTANT
UHF/VHF COMMUNICATIONS (ANY 2 REQUIRED, 1 SECURE
CAPABLE)

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EP-3E ARIES II (cont)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIR CONDITIONING AND PRESSURIZATION CONTROL
 (FLIGHT STATION/CABIN TEMPERATURE CONTROL)
 ANTI-ICE AND DE-ICING SYSTEMS
 APX-72 IFF/SIF (MODES 1, 2, AND 3 REQUIRED)
 ATTITUDE SOURCE (2 REQUIRED, NOT INCLUDING
 PEANUT GYRO)
 CLOCK (1 IN COCKPIT) (NOTE 2)
 DCMS
 FORWARD WINDSHIELD HEAT
 HF COMMUNICATIONS (1 REQUIRED)
 LTN-72 INS (1 NAVIGATION MODE, 1 ATTITUDE MODE
 REQUIRED)
 LTN-211 OMEGA
 RADAR ALTIMETER
 RADAR NAVIGATION
 RADIO NAVIGATION (TACAN PLUS 1 OTHER: VOR #1,
 #2 OR ADF)
 STATIC DISCHARGERS (NOTE 3)
 TEMPERATURE DATUM SYSTEMS
 UHF 1/UHF 2/VHF (ANY 2 REQUIRED)
 WINDSHIELD WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING AND PRESSURIZATION
 (1 EDC REQUIRED)
 AIRFRAME (NOTE 2)
 DCMS
 ELECTRICAL SYSTEM (INCLUDING 3 ENGINE DRIVEN
 GENERATORS)
 EMERGENCY EQUIPMENT (NOTE 4)
 ENGINE FIRE WARNING AND EXTINGUISHING SYSTEMS
 EXPLOSIVE DEVICES
 FLIGHT CONTROLS

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EP-3E ARIES II (cont)

FLIGHT REFERENCE (1 EACH: ATTITUDE AND HEADING)	
FUEL SYSTEM	(NOTE 5)
HYDRAULIC SYSTEMS	
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)	(NOTE 4)
LANDING GEAR	
LIGHTING SYSTEMS	
MISCELLANEOUS UTILITIES	(NOTE 4)
OXYGEN SYSTEMS	(NOTE 4)
PNEUMATIC SYSTEMS	
POWER PLANT INSTALLATIONS	
PROPELLERS	
RADIO NAVIGATION (HSI SYSTEM ONLY)	
VHF/UHF COMMUNICATION CAPABILITY (ANY 1 REQUIRED)	
CONDITIONAL INSPECTION	(NOTE 6)
ENGINE INSPECTION	(NOTE 6)
PHASE INSPECTION	(NOTE 6)
SPECIAL INSPECTION	(NOTE 6)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 6)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. ASSIGN EOC ALPHA CHARACTERS FOR INOPERATIVE DCMS POSITIONS AS FOLLOWS: (Z) - FLIGHT STATION (1 REQUIRED), AFT OBSERVER OR PA SYSTEM; (L) - NAVIGATOR, RADIO OR RADAR OPERATOR; (K) - ANY OTHER POSITION.
3. ALL TIP MOUNTED AND RUDDER DISCHARGERS INSTALLED AND OPERATIONAL, NO MORE THAN TWO DISCHARGERS MISSING OR NON-OPERATIONAL ON ANY OTHER SINGLE SURFACE (AILERON OR ELEVATOR), NO MORE THAN SEVEN DISCHARGERS MISSING OR NON-OPERATIONAL PER AIRCRAFT.
4. AS REQUIRED BY P-3 NATOPS AND OPNAVINST 3710.7N.
5. IF TANK 5 NOT UTILIZED, FUEL DUMP AND FUEL TRANSFER PUMPS NOT REQUIRED.
6. AS APPLICABLE PER REFERENCE (c).

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RP-3A
TYPE EQUIPMENT CODE: APBM

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIR CONDITIONING/PRESSURIZATION (ALL SYSTEMS)
ANGLE-OF-ATTACK
APX-76 OR APX-7/ASSOCIATED EQUIPMENT
ASA-47
ATTITUDE SOURCE
AUTOPILOT
CLOCK
DOPPLER
DRIFT METER
DRT
ENCODER (KY-28)
HF COMMUNICATIONS (2 REQUIRED)
ID-888
IFF TRANSPONDER
INTERVALOMETER
KW-7 (ORESTES)
LORAN
MAD
MARKER BEACON
NAVIGATION RADIOS
OTPI/UHF/DF
RADAR ALTIMETERS
SEARCH STORE LAUNCH SYSTEM (NOTE 1)
SEXTANT
TELETYPE (INCLUDING ADF) (NOTE 2)
TURN-AND-SLIP INDICATOR
UHF/VHF COMMUNICATIONS (ALL)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the basic reconnaissance mission. The aircraft is not capable of long range navigation, communication and use of encrypted IFF or conducting forward radar operation for navigation and weather avoidance. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION (NOTE 3)
APU
AUTOPILOT (WITHOUT CONTROL STEERING)

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RP-3A (cont)

FUEL SYSTEM

HF COMMUNICATIONS (1 REQUIRED)

IFF (MODE 4/3/C TRANSPONDER AND KIT-1A)

RADAR (FORWARD REQUIRED)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION	(NOTE 4)
ANTI-/DE-ICING SYSTEMS	
ATTITUDE SOURCE	(NOTE 5)
CLOCK (1 REQUIRED AT PILOT OR COPILOT STATION)	
HEADING SOURCE (ALL REQUIRED)	
IFF (MODE 3/C TRANSPONDER)	
NAVIGATION RADIOS	(NOTE 2)
PITOT STATIC SYSTEM	
STATIC DISCHARGERS	(NOTE 6)
TURN-AND-SLIP INDICATOR (1 REQUIRED)	
UHF #1/UHF #2/VHF (2 OF 3 REQUIRED)	
WINDSHIELD WIPERS	

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION	(NOTE 7)
AIRFRAME	
BOMBING NAVIGATION	(NOTE 8)
ELECTRICAL SYSTEMS (3 ENGINE DRIVEN GENERATORS)	
EMERGENCY EQUIPMENT	
EMERGENCY RADIO	(NOTE 8)
ENGINES	
EXPLOSIVE DEVICES	
FLIGHT CONTROLS	
FLIGHT REFERENCE	(NOTE 9)
FUEL SYSTEM	(NOTE 10)
FUSELAGE COMPARTMENTS	
HYDRAULIC/PNEUMATIC SYSTEM	

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RP-3A (cont)

ICS (BETWEEN FLIGHT AND AFT OBSERVERS STATIONS
INCLUDING PA SYSTEM)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 8)
LANDING GEAR
LIGHTING SYSTEMS (NOTE 8)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEM
POWER PLANT INSTALLATION
PROPELLERS
RADAR NAVIGATION
RADIO NAVIGATION (HSI SYSTEM ONLY)
UHF/VHF COMMUNICATION SYSTEMS (1 REQUIRED AT
PILOT OR COPILOT STATION)
CONDITIONAL INSPECTION (NOTE 11)
ENGINE INSPECTION (NOTE 11)
PHASE INSPECTION (NOTE 11)
SPECIAL INSPECTION (NOTE 11)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 11)

NOTES:

1. TWO FREE-FALL, ONE PRESSURIZED CHUTES.
2. TACAN/VOR #1/VOR #2.
3. SECOND EDC PLUS ITEMS IN NOTE 4.
4. ONE EDC, TEMPERATURE AND PRESSURE CONTROLLER PLUS ITEMS IN NOTE 7.
5. STBY GYRO/AHRS/INS, 2 OF 3 DISPLAY AT PILOT/COPILOT STATIONS.
6. ALL TIP MOUNTED AND RUDDER DISCHARGERS INSTALLED AND OPERATIONAL, NO MORE THAN TWO DISCHARGERS MISSING OR NON-OPERATIONAL ON ANY OTHER SINGLE SURFACE (AILERON OR ELEVATOR), NO MORE THAN SEVEN DISCHARGERS MISSING OR NON-OPERATIONAL PER AIRCRAFT.
7. AUXILIARY VENTILATION AND CABIN EXHAUST FAN REQUIRED.
8. P-3 NATOPS AND REFERENCE (d).
9. STANDBY GYRO/AHRS/INS (1 OF 3 DISPLAY AT PILOT STATION).
10. IF TANK #5 NOT USED, DO NOT NEED TRANSFER PUMPS.
11. AS APPLICABLE PER REFERENCE (c).

OPNAVINST 5442.4M

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VP-3A
TYPE EQUIPMENT CODE: APBR

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIR CONDITIONING (AUTO MODE REQUIRED)
ANGLE-OF-ATTACK
APX-76 OR APX-7/ASSOCIATED EQUIPMENT
CLOCK (COPILOT)
HF COMMUNICATIONS (ALL REQUIRED)
ICS (ALL STATIONS REQUIRED)
IFF
KY-28 (NESTOR)
MARKER BEACON
NAVIGATION BDHI
NAVIGATION RADIOS
RADAR ALTIMETERS
RATE GYRO (COPILOT)
UHF/VHF COMMUNICATIONS (ALL REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the long range transport mission. The aircraft is not capable of long range navigation, communication and using encrypted IFF or conducting forward radar operation for navigation and weather avoidance. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION
APU
ASA-47
AUTOPILOT
DOPPLER (UCG-6 BUNO 149676; UCG-48 BUNO 150496)
FUEL SYSTEM
HEADING SOURCE (ALL REQUIRED)
HF COMMUNICATION SYSTEMS (2 REQUIRED)
ICS
IFF (MODE 4/3/C) (KIT 1A)
KW-7 (ORESTES)
LORAN
RADAR
RADAR INDICATOR
SEXTANT
TELETYPE (KWX-1 BUNO 150496)

(NOTE 1)

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VP-3A (cont)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-/DE-ICING SYSTEMS
ATTITUDE SOURCE (ALL REQUIRED)
CABIN TEMPERATURE CONTROLLER
CABIN TEMPERATURE GAUGE
CLOCK (1 IN COCKPIT)
FLIGHT STATION TEMPERATURE CONTROLLER
HEADING SOURCE (1 REQUIRED IN SLAVE MODE)
IFF (MODE 3/C)
STATIC DISCHARGERS (NOTE 2)
TACAN/VOR/ADF (NOTE 3)
UHF/VHF COMMUNICATIONS (2 SYSTEMS REQUIRED)
WINDSHIELD WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION (1 EDC)
AIRFRAME
BOMBING NAVIGATION
ELECTRICAL SYSTEMS (3 ENGINE DRIVEN GENERATORS)
EMERGENCY EQUIPMENT (NOTE 3)
EMERGENCY RADIO (NOTE 3)
ENGINES
ENGINE FIRE WARNING AND EXTINGUISHING SYSTEMS
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE (NOTE 4)
FUEL SYSTEM (NOTE 5)
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS (NOTE 6)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 3)
LANDING GEAR
LIGHTING SYSTEMS (NOTE 3)
MISCELLANEOUS UTILITIES

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VP-3A (cont)

OXYGEN SYSTEMS	
POWER PLANT INSTALLATION	
PROPELLERS	
RADAR NAVIGATION	
RADIO NAVIGATION (HSI SYSTEM ONLY)	
UHF/VHF COMMUNICATION SYSTEMS (1 REQUIRED AT PILOT OR COPILOT STATION)	
CONDITIONAL INSPECTION	(NOTE 7)
ENGINE INSPECTION	(NOTE 7)
PHASE INSPECTION	(NOTE 7)
SPECIAL INSPECTION	(NOTE 7)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 7)

NOTES:

1. SS3, RADIO OPERATOR AND NAVIGATOR STATIONS.
2. ALL TIP MOUNTED AND RUDDER DISCHARGERS INSTALLED AND OPERATIONAL, NO MORE THAN TWO DISCHARGERS MISSING OR NON-OPERATIONAL ON ANY OTHER SINGLE SURFACE (AILERON OR ELEVATOR), NO MORE THAN SEVEN DISCHARGERS MISSING OR NON-OPERATIONAL PER AIRCRAFT.
3. PER P-3 NATOPS AND REFERENCE (d).
4. ONE ATTITUDE SOURCE (PILOT/COPILOT) AND ONE HEADING SOURCE. (COMPASS MODE REQUIRED)
5. IF TANK #5 NOT USED, DO NOT NEED TRANSFER PUMPS.
6. BETWEEN FLIGHT STATION AND AFT OBSERVERS STATION AND ITEMS LISTED IN NOTE 1, INCLUDING PA SYSTEM.
7. AS APPLICABLE PER REFERENCE (c).

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UP-3A

TYPE EQUIPMENT CODE: APBT

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AIR CONDITIONING SYSTEM (AUTO MODE)
 ANGLE-OF-ATTACK
 APU
 AUTOPILOT
 CLOCK (COPILOT)
 HF COMMUNICATION (ALL REQUIRED)
 ICS (ALL REQUIRED)
 MARKER BEACON
 NAVIGATION RADIOS (ALL REQUIRED)
 RADAR ALTIMETER INDICATOR (COPILOT)
 TEMPERATURE DATUM SYSTEM
 TURN RATE GYRO (COPILOT)
 UHF/VHF COMMUNICATION (ALL REQUIRED)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of long-range navigation/flight and weather avoidance. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION (2 EDC'S)	
AHRS	(NOTE 1)
FLIGHT REFERENCE	(NOTE 2)
FUEL SYSTEM (INCLUDING TANK 5)	(NOTE 3)
HF COMMUNICATION SYSTEM (1 REQUIRED)	
IFF MODE 4 (KIT 1A)	
INS	(NOTE 1)
LORAN	(NOTE 1)
OMEGA	(NOTE 1)
SEARCH RADAR	
WEATHER RADAR (PRIMUS 400)	(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIRSPEED INDICATOR (PILOT/COPILOT)	(NOTE 4)
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UP-3A (cont)

ALTIMETER (PILOT/COPILOT)	(NOTE 4)
ANTI-/DE-ICING SYSTEMS	(NOTE 4)
ATTITUDE SOURCE (2 REQUIRED)	
CLOCK (1 REQUIRED, PILOT OR COPILOT)	(NOTE 4)
HEADING SOURCE (2 REQUIRED)	
IFF (MODE 3C)	(NOTE 4)
MAGNETIC COMPASS (WITH CALIBRATION CARD)	(NOTE 4)
PITOT AND STATIC SYSTEMS (BOTH REQUIRED)	(NOTE 4)
STATIC DISCHARGERS	(NOTE 5)
TACAN (PLUS ONE OTHER; VOR #1 OR VOR #2)	(NOTE 4)
TURN-AND-SLIP INDICATOR (PILOT/COPILOT)	(NOTE 4)
UHF 1/UHF 2/VHF 1/VHF 2 (2 REQUIRED)	
VERTICAL SPEED INDICATOR (PILOT/COPILOT)	(NOTE 4)
WINDSHIELD WIPERS	

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION (1 ENGINE DRIVEN COMPRESSOR)	
AIRFRAME	
ELECTRICAL SYSTEMS	(NOTE 6)
EMERGENCY EQUIPMENT	(NOTE 4)
EMERGENCY RADIO	(NOTE 4)
ENGINES	
ENGINE FIRE WARNING AND EXTINGUISHING SYSTEMS	
FLIGHT CONTROLS	
FLIGHT REFERENCE	(NOTE 7)
FUEL SYSTEM	(NOTE 3)
FUSELAGE COMPARTMENTS	
HYDRAULIC SYSTEM	
ICS (BETWEEN FLIGHT AND AFT OBSERVERS STATIONS)	
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)	(NOTE 4)
LIGHTING SYSTEMS	(NOTE 4)
MISCELLANEOUS UTILITIES	
OXYGEN SYSTEM	(NOTE 4)
POWER PLANT INSTALLATION	
PROPELLERS	
RADIO NAVIGATION (HSI SYSTEM ONLY)	
VHF/UHF COMMUNICATION SYSTEMS (1 REQUIRED AT PILOT OR COPILOT STATION)	

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UP-3A (cont)

CONDITIONAL INSPECTION	(NOTE 8)
ENGINE INSPECTION	(NOTE 8)
PHASE/CALENDAR INSPECTION	(NOTE 8)
SPECIAL INSPECTION	(NOTE 8)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 8)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING, HARDWARE OR PLUMBING AS APPLICABLE.
2. ALL FLIGHT REFERENCE SOURCES AND INDICATORS LESS COPILOTS RADAR ALTIMETER AND RATE GYRO AND THE ANGLE-OF-ATTACK SYSTEM.
3. IF TANK 5 IS NOT USED, FUEL DUMP AND/OR TRANSFER PUMPS ARE NOT REQUIRED.
4. IN ACCORDANCE WITH P-3 NATOPS AND OPNAVINST 3710.7L.
5. ALL TIP MOUNTED AND RUDDER DISCHARGERS INSTALLED AND OPERATIONAL, NO MORE THAN TWO DISCHARGERS MISSING OR NON-OPERATIONAL ON ANY OTHER SINGLE SURFACE (AILERON OR ELEVATOR), NO MORE THAN SEVEN DISCHARGERS MISSING OR NON-OPERATIONAL PER AIRCRAFT.
6. THREE ENGINE GENERATORS AND FOUR SUPERVISORY PANELS.
7. ONE ATTITUDE SOURCE (PILOT/COPILOT), ONE HEADING SOURCE (COMPASS MODE REQUIRED) IN ADDITION TO THE VERTICAL GYRO.
8. AS APPLICABLE PER REFERENCE (c).

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S-3A

TYPE EQUIPMENT CODE: ASBA

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACLS (ASW-25B)
ADP (OL-82)
ANALOG TAPE RECEIVER (ASH-27)
APS-116 (ALL MODES)
AUTOPILOT SYSTEM FULL (APS) (ASW-33)
AUTOTHURST SYSTEM (ATS) (ASW-31)
CILS (ARA-63)
DISPLAY (IP-1051/ASA-82) (PILOT)
EXTERNAL FUEL SYSTEM
FULL COMMUNICATIONS (BOTH UHF)
INCOS (PILOT)
LF/UHF/DF (ARN-83/ARA-50)
RADAR BEACON (APN-202)
SECURE DATA LINK
TIME CODE GENERATOR

(NOTE 1)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the ASW mission. The aircraft is not capable of dispensing sonobuoys over a large area for localization/fixing; using at least one half of total acoustic processing capacity for passive search, classification and localization; sonobuoy referenced navigation; using active sonobuoys and MAD with an operational figure of merit adequate for re-attack fixing; receiving adequate sonobuoy channels for use of specialized sonobuoys (e.g., SSQ-47, SLOT) and effective search/localization mission; or deploying sufficient display and recording capability to support simultaneous sensor data analysis and tactical coordination functions (minimum of one display capable of data analysis and one display for tactical coordination). The aircraft is PMC, M or S.

AACS (AYN-5)
ADP (HALF SYSTEM #1) (OL-82)
ACFT MONITOR AND CONTROL (AMAC) (AWB-2V)
APS-116 (MODES 1 AND 3)
AUXILIARY READOUT UNIT (ARU) (IP-1052/ASA-82)
BOMB BAY SYSTEM (BOTH REQUIRED)
COMMAND SIGNAL GENERATOR (SG0962A)
HF SYSTEM (ARC-153A)

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S-3A (cont)

INCOS (OK-184/ASQ-147) (SESCOS) (ARMCOS)
MAD SYSTEM (ASQ-81/ASA-65) (NOTE 2)
MULTIPURPOSE DISPLAYS (REQUIRED)
SEARCH STORE DECODER (KY-747/ASQ-147)
SESCOS (OK-105/ASQ-147)
SONO LAUNCH SYSTEM
SONO RECEIVER (ARR-76) (MINIMUM 26 CHANNELS)
SONO REFERENCE SYSTEM (ARS-2)
TACCO/SENSO/COPILOT REQUIRED

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the surface surveillance mission. The aircraft is not capable of multisensor day/night locating, classifying and identifying surface contacts; reporting contacts by secure data link/voice radio; tracking multiple selected surface ship targets to perform repetitive contact reporting; avoiding potential SAM envelopes; conducting IFF interrogation for confirmed identification of friendly contacts; or conducting photographic/FLIR/radar recording. The aircraft is PMC, M or S.

DIGITAL MAGNETIC TAPE UNIT (DMTU)
ESM SYSTEM (ALR-47)
GPDC (AYK-10) DELTA LOAD MINIMUM
INCOS (OK-184/ASQ-147) (CORRESPONDING TO MPD) (TRAY)
INFRARED DETECTING GROUP (OR-89)
INTERROGATOR SET (APX-76) (NOTE 1)
MULTIPURPOSE DISPLAY (ASA-82) (2 REQUIRED)
SECURE UHF VOICE CAPABILITY
VIDEO SIGNAL RECORDING GROUP (OA-8770/ASH)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the basic conventional weapons delivery mission. The aircraft is not capable of all basic ASW and anti-surface attack functions based on visual or vectored targeting for delivering ordnance from at least one bomb bay and from all wing stations; conducting low altitude maneuvering and navigation for visual off-line radar navigation mine emplacement; using night illumination and chaff systems; providing a surface radar target position with accuracy adequate for over the horizon targeted ship launched missile attack; or conducting off line radar surface surveillance and visual reconnaissance for surface classification/identification and reporting. The aircraft is PMC, M or S.

ARMAMENT CONTROL SYSTEM (OK-183/ASQ-147)

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S-3A (cont)

BOMB BAY SYSTEM (1 REQUIRED)
MULTIPURPOSE DISPLAY (1 REQUIRED) (ASA-82)
RADAR (APS-116 MODE II)
WING STATIONS
EMERGENCY JETTISON SYSTEM

(NOTE 3)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions; using encrypted IFF; in-flight refueling; or independent navigation to the extent of internal unrefueled aircraft range for recovery at a land base or aboard a CV which requires a minimum of electronic radiation from the vicinity of the CV. The aircraft is PMC, M or S.

APS (YAW DAMPER) (ASW-33)
DLC
DOPPLER (APN-200)
EXPLOSIVE DEVICES (TACCO/SENSO)
ICS (TACCO/SENSO) (OK-248A/AI)
IN-FLIGHT REFUELING CAPABILITY
INS (NAV MODES) (ASN-92/ASA-84)
LAUNCH BAR SYSTEM
SECURE IFF (KIT 1A/TSEC)
SURVIVAL EQUIPMENT (TACCO/SENSO)
WING/FIN FOLD

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communications, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AHRS (ASN-107)
ANTI-/DE-ICING SYSTEMS
CLOCK (ABU-11/A) (PILOT)
INS (ATT/HDG) (ASN-92/ASA-107)
LIGHTING SYSTEMS (INTERNAL/EXTERNAL)
RAWS (APN-201)
TACAN (ARN-84)
TRANSPONDER SET (APX-72)
VERTICAL SPEED INDICATOR
WINDSHIELD WIPERS (PILOT)

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S-3A (cont)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
AUXILIARY POWER PLANT
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT (PILOT/COPILOT PRC-90/URT-33)
EMERGENCY RADIO (PILOT/COPILOT)
ENGINES
EXPLOSIVE DEVICES (PILOT/COPILOT)
FLIGHT CONTROLS
FLIGHT REFERENCE (PILOT ANGLE-OF-ATTACK)
(STANDBY GYRO) (NOTE 4)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS (PILOT/COPILOT)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
(PILOT FLIGHT ESSENTIAL)
INTEGRATED GUIDANCE AND FLIGHT CONTROL
(YAW DAMPER)
LANDING GEAR (INCLUDES NOSE GEAR STEERING/
ARRESTING GEAR)
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT) (BOTH
INOPERATIVE)
MISCELLANEOUS UTILITIES (WARNING/DETECTION SYSTEMS)
OXYGEN SYSTEMS
RADIO NAVIGATION (OD-59A)
UHF COMMUNICATION SYSTEMS (PILOT)
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)
SPECIAL INSPECTION (NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

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S-3A (cont)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. OFOM LESS THAN 1.0, SLN LESS THAN 0.05 GAMMA.
3. SCAN CONVERTER REQUIRED FOR COPILOT MPD.
4. APPLIES ONLY IF INS AND AHRS INOPERATIVE.
5. AS APPLICABLE PER REFERENCE (c).

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ES-3A

TYPE EQUIPMENT CODE: ASBF

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACLS (ASW-25B)
 AERIAL REFUELING SYSTEM (ARS) (NOTE 1)
 AUTOPILOT SYSTEM FULL (APS) (ASW-33)
 AUTOTHURST SYSTEM (ATS) (ASW-31)
 AYN-5 (AACS)
 BGPHERS (9 NANOMIN RECEIVERS)
 CILS (ARA-63)
 DATA LINK 4
 EXTERNAL FUEL SYSTEM/EMERGENCY JETTISON SYSTEM
 LF/UHF/DF (ARN-83/ARA-50)
 LONG RANGE SECURE VOICE COMMUNICATION (HF AND SATCOM)
 RADAR BEACON (APN-202)
 STORM SCOPE (WX-1000)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the optimum electronic capability mission. The aircraft is not capable of performing all assigned missions with full system redundancy. The aircraft is capable of detecting threats to the aircraft and the fleet and can expeditiously relay threat warnings to the appropriate warfare or on-scene commander. The aircraft is Electronic Warfare Mission Capable (EWMC), M or S.

AN/ALR-81 (2 COMPLETE SYSTEMS REQUIRED)
 AN/ULQ-16 (PULSE ANALYZER SYSTEM) (2 REQUIRED)
 ANTENNA SELECTION (FULL POSITION 3 AND POSITION 4
 SELECTION CAPABILITY REQUIRED)
 APX-76
 AUDIO RECORDERS (AN/USH-34) (2 REQUIRED)
 BGPHERS SYSTEM (6 NANOMIN RECEIVERS)
 BUS SYSTEM INTERFACE UNIT (3 REQUIRED)
 CMX RECEIVER SYSTEM (AN/ALR-82) (AVAILABLE AT
 POSITIONS 3 AND 4)
 CONTROL DISPLAY UNIT (CDU)
 CUBIC RECEIVER SYSTEM (FOUR R-2412/U UHF/VHF
 RECEIVERS AND TWO R-2411/U HF RECEIVERS REQUIRED)
 DATA PROCESSING SYSTEM (3 REQUIRED)
 DEMODULATOR GROUP (OM-75)
 ESM (AN/ALR-76)

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ES-3A (cont)

FLIR (OR-263)
HF DF SYSTEM (ALD-9)
HF RADIO (AN/ARC-153)
HIGH BAND DF SYSTEM (COMPLETE POSITION 3 AND POSITION 4
ANTENNA SELECTION CAPABILITY REQUIRED)
IP-1616/A (3 REQUIRED)
MINIATURIZED INTEROPERABLE DATA LINK SYSTEM (MIDL)
MULTI-STATIC PROCESSOR (AN/ALR-84) (2 REQUIRED)
RADAR (AN/APS-137) (ALL MODES REQUIRED)
RADAR/FLIR VIDEO RECORDER
RF DISTRIBUTION (LEFT - RIGHT OR OMNI, FULL FREQUENCY)
SECURE LINK-11 (TRANSMIT AND RECEIVE) (REQUIRES
AN/AYK-14 NR 3 AND CRYPTOLOGIC INTERFACE UNIT)
UHF SATCOM (AN/ARC-206)
UHF SECURE VOICE COM (2 REQUIRED)
UHF/VHF RADIOS (AN/ARC-182) (2 REQUIRED)
VIDEO DISTRIBUTION (COMPLETE POSITION 3 AND POSITION 4
CAPABILITY REQUIRED)
VIDEO RECORDER (AN/USH-33)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative and limit the electronic reconnaissance mission. The aircraft is not capable of performing electronic reconnaissance against multiple objectives in a moderate to heavy electromagnetic environment. The aircraft is PEWMC, M or S.

AN/ALR-81 SYSTEM (1 COMPLETE SYSTEM REQUIRED ONLY
IF AN/ALR-82 RECEIVER SYSTEM IS INOPERABLE)
AN/AYK-14 SYSTEM (NUMBER 1 AND 2 REQUIRED)
AN/ULQ-16 SYSTEM (1 COMPLETE SYSTEM REQUIRED)
ANTENNA SELECTION (FULL POSITION 3 OR POSITION 4)
AUDIO RECORDER (AN/USH-34) (1 REQUIRED)
BUS SYSTEM INTERFACE UNIT (1 COMPLETE SYSTEM REQUIRED)
CMX RECEIVER SYSTEM (AN/ALR-82) (REQUIRED AVAILABLE AT
POSITION 3 OR POSITION 4, ONLY IF BOTH AN/ALR-81 SYSTEMS
ARE INOPERABLE)
CUBIC RECEIVER SYSTEM (THREE R-2412/U UHF/VHF RECEIVERS
AND ONE R-2411/U HF RECEIVER REQUIRED)
DATA PROCESSING CONTROL AND DISPLAY SYSTEM (2 COMPLETE
SYSTEMS REQUIRED, 1 OF WHICH MUST BE EWCC POSITION)
DF SYSTEM (COMPLETE POSITION 3 OR COMPLETE POSITION 4
REQUIRED)
FREQUENCY STANDARD (RUBIDIUM FREQUENCY STANDARD REQUIRED)
HIGH SPEED CASSETTE TAPE DIGITAL DATA RECORDER (AN/USH-26)
IP-1616/A (2 REQUIRED)
MASS MEMORY UNIT (AYH-2)

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ES-3A (cont)

MEDIUM BAND RFD (COMPLETE RANGE OF MEDIUM BAND
FREQUENCIES AND DISTRIBUTION REQUIRED)
MULTI-STATIC PROCESSOR SYSTEM (AN/ALR-84) (REQUIRES ONE
TN-613 TUNER, ONE R-2380 SIGNAL PROCESSOR/RECEIVER AND
ONE CV-4052 VIDEO CONVERTER)
VIDEO DISTRIBUTION (COMPLETE POSITION 3 OR POSITION 4)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship with a full crew complement during the day, night and inclement weather conditions; using encrypted IFF; in-flight refueling; or independent navigation to the extent of internal unrefueled aircraft range for recovery at a land base or aboard a CV which requires a minimum of electronic radiation from the vicinity of the CV. The aircraft is PMC, M or S.

DLC
EXPLOSIVE DEVICES (POSITIONS 3 AND 4)
ICS (AN/AIC-37V) (POSITIONS 3 AND 4)
IN-FLIGHT REFUELING CAPABILITY (RECEIVE) (REQUIRED
ONLY WHEN EMBARKED)
INS (NAV MODE) (REQUIRES EITHER OMEGA (LTN-211) OR
GPS, OR FOLLOWING: ASN-92, ASA-84 AND APN-200)
LAUNCH BAR SYSTEM
SECURE IFF (KIT-1A/TSEC)
SURVIVAL EQUIPMENT (POSITIONS 3 AND 4 PARACHUTE, SEAT PAN,
PRC-90/URT-33)
WING/FIN FOLD

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communications, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AHRS (ASN-107)
AN/AYK-14 (NUMBER 3 REQUIRED)
ANTI-/DE-ICING SYSTEMS
CLOCK (ABU-11/A) (PILOT)
INS (ATTITUDE/HEADING MODE) (ASN-92 AND ASA-84)
LIGHTING SYSTEMS (INTERNAL/EXTERNAL)
RAAWS (APN-201)
TACAN (ARN-84)

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ES-3A (cont)

TRANSPONDER SET (APX-72)
VERTICAL SPEED INDICATOR
WINDSHIELD WIPERS (PILOT)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
AUXILIARY POWER PLANT
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT (PILOT/EWCC PARACHUTE, SEAT PAN,
PRC-90/URT-33)
ENGINES
EXPLOSIVE DEVICES (PILOT/EWCC)
FLIGHT CONTROLS
FLIGHT REFERENCE (PILOT ANGLE-OF-ATTACK; STANDBY GYRO)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS (AN/AIC-37V) (PILOT/EWCC)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
(PILOT FLIGHT ESSENTIAL)
INTEGRATED GUIDANCE AND FLIGHT CONTROL (YAW DAMPER)
(1 CHANNEL REQUIRED)
LANDING GEAR (INCLUDES NOSE GEAR STEERING/ARRESTING GEAR)
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT) (BOTH INOPERATIVE)
MISCELLANEOUS UTILITIES (WARNING/DETECTION SYSTEMS)
OXYGEN SYSTEMS
PITOT STATIC SYSTEM
RADIO NAVIGATION (OD-59A)
UHF COMMUNICATION SYSTEMS (PILOT)
CONDITIONAL INSPECTION (NOTE 2)
ENGINE INSPECTION (NOTE 2)
PHASE INSPECTION (NOTE 2)
SPECIAL INSPECTION (NOTE 2)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 2)

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ES-3A (cont)

NOTES:

1. AERIAL REFUELING SYSTEM (ARS) INCLUDES TRANSFER PUMPS, CONTROL PANEL, AND PLUMBING/WIRING. IF THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. IF THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. AS APPLICABLE PER REFERENCE (c).

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US-3A

TYPE EQUIPMENT CODE: ASBB

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACLS (ASW-25B)
AUTOPILOT SYSTEM (APS) (ASW-33)
AUTOTHRUST SYSTEM (ATS) (ASW-33)
CILS (ARA-63)
EXTERNAL FUEL SYSTEM (NOTE 1)
FULL COMMUNICATIONS
ICS (ALL/LOUDSPEAKERS)
LF/UHF DF (ARN-83/ARA-50)
RADAR BEACON (APN-202)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the full fleet support mission. The aircraft is not capable of transporting personnel, transporting cargo prepared for air shipment or conducting MEDEVAC of litter patients. The aircraft is PMC, M or S.

CARGO RESTRAINT EQUIPMENT
EMERGENCY JETTISON SYSTEM
EXPLOSIVE DEVICES (PASSENGER COMPARTMENT OVERHEAD
HATCHES)
ICS (LOADMASTER)
SEATS AND HARDWARE (SURVIVAL EQUIPMENT FOR ALL SEATS)
SURVIVAL EQUIPMENT (BOTH MK-7 RAFTS)
WING STATIONS

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off the ship during day, night and inclement weather conditions, using encrypted IFF, in-flight refueling, or independent navigation to the extent of internal unrefueled aircraft range for recovery at a land base or aboard a CV which requires a minimum of electronic radiation from the vicinity of the CV. The aircraft is PMC, M or S.

APS (YAW DAMPER) (ASW-33) (NOTE 2)
DLC
DOPPLER (APN-200)
IN-FLIGHT RE-FUELING CAPABILITY

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US-3A (cont)

INS (NAV MODES) (EITHER ASN-92 OR ASA-84 REQUIRED)
LAUNCH BAR SYSTEM
OMEGA (LTN-211)
SECURE IFF (KIT-1A/TSEC)
WEATHER RADAR (RDR-1300)
WING/FIN FOLD

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AACS (AYN-5)
AHRS (ASN-107)
ANTI-/DE-ICING SYSTEMS
CLOCK (ABU-11/A) (NOTE 3)
INS (ATT/HDG) (ASN-92, ASA-107)
LIGHTING (INTERIOR/EXTERIOR)
PILOT WINDSHIELD WIPERS
RAWS (APN-201)
TACAN (ARN-84)
TRANSPONDER SET (APX-72)
UHF RADIO (ARC-153A) (NOTE 4)
VERTICAL SPEED INDICATOR
VHF RADIO (NOTE 4)
VOR/ILS/MB (313M-4B) (NOTE 4)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
APU
BLEED AIR SYSTEM
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT (PILOT/COPILOT PRC-90/URT-33)
EMERGENCY JETTISON SYSTEM
EMERGENCY RADIO (PILOT UHF/COPILOT VHF/HF)
ENGINES
EXPLOSIVE DEVICES (PILOT/COPILOT OVERHEAD HATCHES)

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US-3A (cont)

FLIGHT CONTROLS
FLIGHT REFERENCE (PILOT ANGLE-OF-ATTACK, STANDBY GYRO)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC SYSTEM (INCLUDING EMERGENCY HYDRAULIC PUMP)
ICS (PILOT/COPILOT)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
(PILOT FLIGHT ESSENTIAL)
INTERGRATED GUIDANCE AND FLIGHT CONTROL (YAW
DAMPER) (NOTE 2)
LANDING GEAR (INCLUDES NG STEERING/ARRESTING GEAR)
LIGHTING SYSTEMS (BOTH ANTI-COLLISION LIGHTS INOPERATIVE)
MISCELLANEOUS UTILITIES (WARNING/DETECTION SYSTEMS)
OXYGEN SYSTEM
PITOT-STATIC SYSTEM
POWER PLANT INSTALLATION
UHF COMMUNICATION SYSTEMS (PILOT)
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)
SPECIAL INSPECTION (NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. IF ONLY ONE CHANNEL IS OPERABLE, REPORT EOC (K); IF NEITHER CHANNEL IS OPERABLE, REPORT EOC (Z).
3. IF ONLY ONE CLOCK IS OPERABLE, REPORT EOC (L), IF NEITHER CLOCK IS OPERABLE, REPORT EOC (Z).
4. WHEN REQUIRED DUE TO DEPARTURE AIRFIELD, DESTINATION AIRFIELD OR ENROUTE NAVAID/RADIO LIMITATIONS.
5. AS APPLICABLE PER REFERENCE (c).

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S-3B

TYPE EQUIPMENT CODE: ASBE

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACLS (ASW-25B)
AERIAL REFUELING STORES (ARS) (NOTE 1)
AUTO PILOT SYSTEM FULL (APS) (ASW-33)
AUTO THRUST SYSTEM (ATS) (ASW-31)
CILS (ARA-63)
DATA LINK 4
EXTERNAL FUEL SYSTEM (NOTE 1)
LF/UHF DF (ARN-83/ARA-50)
PILOT DISPLAY (IP-1051/ASA-82)
PILOT DISCOS (C-8862/ASQ-147)
RADAR BEACON (APN-202)
SONOBUOY RECEIVER (ARR-78) (20 CHANNELS REQUIRED)
SONOBUOY REFERENCE SYSTEM (SRS) (ARS-4)
SOUND RECORDING-REPRODUCER SYSTEM (AQH-7)
TIME CODE GENERATOR
UHF RADIO (ARC-156) (BOTH REQUIRED)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative, preventing the ASW mission. The aircraft is not capable of dispensing sonobuoys over a large area for localization/fixing; using at least one-half of the total acoustic processing capacity for passive search, classification and localization; sonobuoy referenced navigation; using active sonobuoys and MAD with an operational figure of merit adequate for re-attack fixing; receiving adequate sonobuoy channels for use of specialized sonobuoy (e.g., SSQ-47, SLOT) and effective search/localization mission; or deploying sufficient display and recording capability to support simultaneous sensor data analysis and tactical coordination functions (minimum of one display capable of data analysis and one display capable of tactical coordination). The aircraft is PMC, M or S.

AACS (AYN-5) (WRA MUST BE INSTALLED)
AIRCRAFT MONITOR AND CONTROL (AMAC) (AWB-2V)
AUXILIARY READOUT UNIT (ARU)
BOMB BAY SYSTEM (BOTH REQUIRED)
DISCOS (OK-184/ASQ-147) (TACCO, SENSO AND COPILOT REQUIRED)

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S-3B (cont)

DUEL PROCESSOR MEMORY GROUP (DPMG) (OL-320)	(NOTE 2)
HF SYSTEM (ARC-153A)	
MAD SYSTEM (ASQ-81/ASA-65)	(NOTE 3)
DISPLAYS (COPILOT, TACCO, SENSO)	
RADAR (APS-137) (PERISCOPE MODE)	
SESCOS (OK-105/ASQ-147)	
SONOBUOY RECEIVER (ARR-78) (16 CHANNELS REQUIRED)	
SPECTRUM ANALYZER UNIT (SAU) (UYS-1)	
SRS (ARS-4) (OTPI ONLY REQUIRED)	

Assign alpha character (D) of the EOC code when the following system(s) are inoperative, preventing the surface surveillance mission. The aircraft is not capable of multi-sensor day/night locating, classifying and identifying surface contacts; reporting contacts by secure data link/voice radio; tracking multiple selected surface ship targets to perform repetitive contact reporting; avoiding potential SAM envelopes; conducting IFF interrogation for confirmed identification of friendly contacts; or conducting photographic/FLIR/radar recording. The aircraft is PMC, M or S.

DATA TERMINAL SET (DTS) (CV-3840/AYS)	
ESM SYSTEM (ALR-76)	
INFRARED DETECTING GROUP (OR-263)	
INTERROGATOR SET (APX-76)	(NOTE 1)
KIR-1A/TSEC	(NOTE 1)
DISPLAYS (ASA-82B) (TACCO, SENSO)	
RADAR (APS-137) (SURFACE SEARCH AND ISAR MODES)	
SECURE DATA (KG-40)	
SECURE VOICE (KY-58)	
VIDEO SIGNAL RECORDING GROUP (OA-8770/ASH)	

Assign alpha character (J) of the EOC code when the following system(s) are inoperative, preventing the basic conventional weapons delivery mission. The aircraft is not capable of all basic ASW and anti-surface attack functions based on visual or vectored targeting for delivering ordnance from at least one bomb bay and from all wing stations; conducting low altitude maneuvering and navigation for visual off-line radar navigation mine emplacement; using chaff systems; providing a surface radar target position with accuracy adequate for over the horizon targeted, ship-launched missile attack; or conducting off-line radar surface surveillance and visual reconnaissance for surface classification/identification and reporting. The aircraft is PMC, M or S.

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S-3B (cont)

ARMAMENT CONTROL PANEL (OK-183/ASQ-147)
BOMB BAY SYSTEM (1 REQUIRED)
DISCOS (OK-184/ASQ-147) (REQUIRED AT ONE POSITION
WITH OPERATING MPD)
DIGITAL MAGNETIC TAPE UNIT (DMTU)
ECM (ALE-39)
EMERGENCY JETTISON SYSTEM
EMERGENCY SURVIVAL EQUIPMENT (TACCO/SENSO)
EXPLOSIVE DEVICES (TACCO/SENSO)
GPDC (DELTA LOAD REQUIRED)
HACLCS (AWG-19(V))
ICS (OK-248/AI) (TACCO/SENSO)
DISPLAY (ASA-82B) (TACCO OR SENSO)
RADAR (APS-137) (NAV MODE)
WING STATIONS

Assign alpha character (K) of the EOC code when the following system(s) are inoperative, preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a ship during day, night and inclement weather conditions; using encrypted IFF; in-flight refueling (receiving); or independent navigation to the extent of internal unrefueled aircraft range for recovery at a land base or aboard a CV which requires a minimum of electronic radiation from the vicinity of the CV. The aircraft is PMC, M or S.

APS (YAW DAMPER) (ASW-33)
DIRECT LIFT CONTROL (DLC)
DOPPLER (APN-200)
IN-FLIGHT REFUELING CAPABILITY (EMBARKED ONLY)
INS (NAV MODES) (ASN-92/ASA-82)
LAUNCH BAR SYSTEM (EMBARKED ONLY)
SECURE IFF (KIT-1A/TSEC)
WING/FIN FOLD

Assign alpha character (L) of the EOC code when the following system(s) are inoperative, preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communications, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AHRS (ASN-107)
ANTI-/DE-ICING SYSTEMS
CLOCK (ABU-11/A) (PILOT)
INS (ASN-92/ASA-107) (ATT/HDG MODE)

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S-3B (cont)

LIGHTING SYSTEMS (INTERNAL/EXTERNAL)
RAAWS (APN-201)
TACAN (ARN-84)
TRANSPONDER SET (IFF) (APX-72)
VERTICAL SPEED INDICATOR
WINDSHIELD WIPERS (PILOTS)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
AUXILIARY POWER UNIT
ELECTRICAL SYSTEMS
EMERGENCY/SURVIVAL EQUIPMENT (PILOT/COPILOT,
PRC-90/URT-33)
ENGINES
EXPLOSIVE DEVICES (PILOT/COPILOT)
FLIGHT CONTROLS
FLIGHT REFERENCE (PILOT ANGLE-OF-ATTACK, STANDBY GYRO)
FUEL SYSTEMS
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEMS
ICS (OK-248/AI) (PILOT/COPILOT)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
(PILOT FLIGHT ESSENTIAL)
INTEGRATED GUIDANCE AND FLIGHT CONTROL (YAW DAMPER)
LANDING GEAR (INCLUDES NOSE GEAR STEERING AND
ARRESTING GEAR)
LIGHTING SYSTEMS (ANTI-COLLISION; BOTH INOPERATIVE)
MISCELLANEOUS UTILITIES (WARNING/DETECTION SYSTEMS)
OXYGEN SYSTEMS
RADIO NAVIGATION (OD-59A)
UHF COMMUNICATIONS (PILOT BACK-UP MODE) (C-8881)
CONDITIONAL INSPECTION (NOTE 4)
ENGINE INSPECTION (NOTE 4)
PHASE INSPECTION (NOTE 4)
SPECIAL INSPECTION (NOTE 4)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 4)

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S-3B (cont)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. WHEN SYSTEM IS UNABLE TO PROCESS 16 PICS OR FAILURE RESULTS FROM OPERATIONAL DEGRADED LOAD.
3. OFOM LESS THAN 1.0, SLN LESS THAN .05 GAMMA.
4. AS APPLICABLE PER REFERENCE (c).

OPNAVINST 5442.4M

17 OCT 1990

T-2C

TYPE EQUIPMENT CODE: ATBD

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ACCELEROMETER

CLOCKS

ID-249 (F/C AND R/C REQUIRED WHEN FLOWN DUAL)

YAW DAMPER (F/C AND R/C REQUIRED WHEN FLOWN DUAL)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the guns/weapons student naval aviator training mission. The aircraft is not capable of dual cockpit, IMC, day/night aerobatic flight and all basic gunnery functions terminating at bases ashore as required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

FIRE CONTROL SYSTEM

(NOTE 1)

GUN CAMERA (KB-8A)

(NOTES 1,2)

GUN SIGHT

(NOTE 1)

GUN SYSTEM

(NOTE 1)

TOW MECHANISM

(NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the basic jet training, student naval pilot/student naval flight officer mission. The aircraft is not capable of dual cockpit IMC day/night aerobatic flight terminating at bases ashore and afloat with operating aircraft safety, flight, radio navigation, communication, IFF systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AIMS (CPU-66) (F/C REQUIRED)

ADF (ARA-25) (F/C REQUIRED)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-ICE

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T-2C (cont)

IFF (APX-64)
INTERIOR LIGHTS
NAVIGATION LIGHTS (F/C REQUIRED)
PITOT HEAT
TACAN (ARN-52) (F/C REQUIRED)
UHF AUXILIARY RECEIVER (ARR-40) (F/C REQUIRED)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
DECELERATION EQUIPMENT
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE
FUEL SYSTEM
FUSELAGE COMPARTMENTS (EGRESS SYSTEMS)
HYDRAULIC/PNEUMATIC SYSTEM
ICS (F/C AND R/C REQUIRED WHEN FLOWN DUAL)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
LANDING GEAR (CATAPULT SYSTEM REQUIRED FOR CV OPERATIONS)
LIGHTING SYSTEMS (1 ANTI-COLLISION LIGHT REQUIRED)
MISCELLANEOUS UTILITIES
POWER PLANT INSTALLATION
RADIO NAVIGATION (BDHI SYSTEM ONLY)
UHF COMMUNICATION SYSTEMS
CONDITIONAL INSPECTION (NOTE 3)
ENGINE INSPECTION (NOTE 3)
PHASE INSPECTION (NOTE 3)
SPECIAL INSPECTION (NOTE 3)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 3)

OPNAVINST 5442.4M

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T-2C (cont)

NOTES:

1. ONLY REQUIRED FOR LOCALLY DESIGNATED GUNNERY AIRCRAFT.
2. WHEN INSTALLED, REPORT ON EITHER THE GUN SYSTEM OR THE KB-8A CAMERA.
3. AS APPLICABLE PER REFERENCE (c).

17 OCT 1977

T-38A

TYPE EQUIPMENT CODE: ATHB

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the flight training mission. The aircraft is not capable of providing defensive ACM adversary services to all Atlantic/Pacific fleet fighter squadrons including USMC and USAF units, providing internal squadron training to qualify pilots as ACM mission instructors or providing initial pilot qualification prior to commencing instruction under training. The aircraft is PMC, M or S.

ICS

YAW AUGMENTATION

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

AOA

CABIN ALTIMETER

CLOCK

COCKPIT LIGHTING

IFF SYSTEM

LANDING/TAXI LIGHTS

NAVIGATIONAL LIGHTS

STANDBY GYRO

STANDBY MAGNETIC COMPASS

VERTICAL VELOCITY INDICATOR

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION

AIRFRAME

ELECTRICAL SYSTEMS

EMERGENCY EQUIPMENT

EMERGENCY RADIO

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T-38A (cont)

ENGINES	
EXPLOSIVE DEVICES	
FLIGHT CONTROLS	
FLIGHT REFERENCE	
FUEL SYSTEM	
FUSELAGE COMPARTMENTS	
HYDRAULIC/PNEUMATIC SYSTEM	
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)	
LANDING GEAR	
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)	
MISCELLANEOUS UTILITIES	
OXYGEN SYSTEMS	
POWER PLANT INSTALLATION	
RADIO NAVIGATION	
UHF COMMUNICATION SYSTEMS	
CONDITIONAL INSPECTION	(NOTE 1)
ENGINE INSPECTION	(NOTE 1)
PHASE INSPECTION	(NOTE 1)
SPECIAL INSPECTION	(NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

17 OCT 1990

T-39D

TYPE EQUIPMENT CODE: ATJC

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AUXILIARY UHF RECEIVER

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the passenger transport mission. The aircraft is not capable of day or night IMC/VMC flights carrying passengers. The aircraft is PMC, M or S.

CABIN FURNISHINGS
CABIN PA SYSTEM
CABIN SEATING
EMERGENCY LIGHTS
LIGHTING SYSTEM, AFT CABIN
PASSENGER OXYGEN SYSTEM

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ATC TRANSPONDER (APX-72)/(APX-93) (NOTE 1)
ENGINE INLET ANTI-ICE
FLIGHT INSTRUMENTS (PILOT/COPILOT) (NOTE 2)
LANDING AND TAXI LIGHTS
POSITION LIGHTS
RADAR ALTIMETER
RAM INLET ANTI-ICE
TACAN
VOR/ILS
WEATHER RADAR (PRIMUS 400) (IF SO EQUIPPED)
WINDSHIELD ANTI-ICE
WINDSHIELD WIPERS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and

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T-39D (cont)

necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION	(NOTE 3)
AIRFRAME	
ELECTRICAL SYSTEMS	
ELT TRANSMITTER (IF SO EQUIPPED)	
EMERGENCY EQUIPMENT	
ENGINES	
EXPLOSIVE DEVICES	
FLAP INDICATOR	
FLIGHT CONTROLS	
FLIGHT REFERENCE	
FUEL JETTISON	
FUEL SYSTEM	
FUSELAGE COMPARTMENTS	
HYDRAULIC/PNEUMATIC SYSTEM	
ICS (PILOT/COPILOT)	
INSTRUMENTS/INSTRUMENT SYSTEMS	(NOTE 4)
LANDING GEAR	
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT AND ADVISORY/WARNING LIGHTS)	
MISCELLANEOUS UTILITIES	
OXYGEN SYSTEMS (PILOT/COPILOT)	
POWER PLANT INSTALLATION	
UHF/VHF COMMUNICATION SYSTEM	(NOTE 5)
CONDITIONAL INSPECTION	(NOTE 6)
ENGINE INSPECTION	(NOTE 6)
PHASE INSPECTION	(NOTE 6)
SPECIAL INSPECTION	(NOTE 6)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 6)

NOTES:

1. ONE REQUIRED FOR IMC FLIGHT OR WHEN FLIGHT REQUIRES ENTRY INTO TERMINAL CONTROL AREA/POSITIVE CONTROL AREA.
2. INCLUDES ALTERNATE PITOT STATIC SYSTEM, PILOT TURN-AND-SLIP INDICATOR, ADI, HSI, VSI, AND CO-PILOT BDHI, VGI, VSI, AND ONE COCKPIT CLOCK.
3. MUST BE CAPABLE OF CLOSING BOTH ENGINE BLEED AIR VALVES. RAM AND DUMP FUNCTION FOR THE PRESSURIZATION SYSTEM OPERATIONAL.

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T-39D (cont)

4. INCLUDES: MAGNETIC COMPASS, TURN-AND-SLIP INDICATOR (BOTH INOP), FREE AIR TEMP INDICATOR, PILOT AND CO-PILOT ALTI-METERS, #1 AND #2 AIRSPEED INDICATORS, #1 AND #2 VERTICAL VELOCITY INDICATORS.
5. IF NEITHER VHF OR UHF SYSTEM IS OPERABLE, REPORT EOC (Z). IF ONLY ONE SYSTEM IS OPERABLE, REPORT EOC (L).
6. AS APPLICABLE PER REFERENCE (c).

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CT-39E/CT-39G
TYPE EQUIPMENT CODES: ATJE/ATJG

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AFCS
FLIGHT DIRECTORS (V-BAR DISPLAY) (#1 AND #2)
FUEL JETTISON (IF SO EQUIPPED)
STROBE LIGHTS
THRUST REVERSERS (IF SO EQUIPPED)
WEATHER RADAR

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the passenger transport mission. The aircraft is not capable of day or night IMC/VMC flights carrying passengers. The aircraft is PMC, M or S.

CABIN FURNISHINGS
CABIN SEATING
OXYGEN SYSTEM (PASSENGER)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the IMC training mission. The aircraft is not capable of day or night IMC training with necessary communication, IFF, navigation, flight and safety systems for IMC weather required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ADF
DORSAL INLET ANTI-ICE
EMERGENCY GYRO (NOTE 1)
EMERGENCY LIGHTS
ENGINE INLET ANTI-ICE
GYRO COMPASS SYSTEM (#1 AND #2) (NOTE 2)
LANDING AND TAXI LIGHTS
POSITION LIGHTS
RADAR ALTIMETER
TACAN
TURN-AND-SLIP INDICATORS (NOTE 2)
UHF COMMUNICATION
VERTICAL GYRO (#1 AND #2) (NOTE 2)
VHF COMMUNICATION
VOR

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CT-39E/CT-39G (cont)

WINDSHIELD ANTI-ICE
WINDSHIELD WIPERS

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the VMC training flight mission. The aircraft is not capable of day VMC training flights in the local operating area with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS, FAA regulations, and local air traffic center requirements. The entire flight shall be conducted in VMC with no existing or forecast precipitation at departure or destination terminal areas. The aircraft is PMC, M or S.

AIR CONDITIONING/PRESSURIZATION SYSTEMS (NOTE 3)
ANTI-SKID
ATC TRANSPONDER
FLAP INDICATORS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE (NOTE 4)
FUEL SYSTEM
FUSELAGE COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEM
ICS (PILOT/COPILOT)
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 5)
LANDING GEAR
LIGHTING SYSTEMS (UPPER ANTI-COLLISION
AND ADVISORY/WARNING LIGHTS) (NOTE 6)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS (COCKPIT)
POWER PLANT INSTALLATION
UHF/VHF COMMUNICATION SYSTEMS (NOTE 7)

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CT-39E/CT-39G (cont)

CONDITIONAL INSPECTION	(NOTE 8)
ENGINE INSPECTION	(NOTE 8)
PHASE INSPECTION	(NOTE 8)
SPECIAL INSPECTION	(NOTE 8)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 8)

NOTES:

1. IF BOTH VERTICAL GYROS ARE INOPERATIVE, IF NOT, USE ALPHA CHARACTER (Z). (NOTE 4 APPLIES)
2. IF EITHER #1 OR #2 GYRO COMPASS SYSTEMS OR VERTICAL GYRO INOPERATIVE, REPORT AS EOC ALPHA CHARACTER (D). (ALSO SEE NOTE 4)
3. MUST BE CAPABLE OF CLOSING BOTH ENGINE BLEED AIR VALVES. RAM AND DUMP FUNCTION FOR PRESSURIZATION SYSTEM OPERATIONAL; IF NOT, USE ALPHA CHARACTER (Z).
4. FLIGHT REFERENCE INCLUDES: VERTICAL GYRO (BOTH INOPERATIVE), GYRO COMPASS SYSTEM (BOTH INOPERATIVE), EMERGENCY GYRO (IF EITHER VERTICAL GYRO INOPERATIVE).
5. FLIGHT INSTRUMENTS INCLUDE: MAGNETIC COMPASS, TURN-AND-SLIP INDICATOR (BOTH INOPERATIVE), FREE AIR TEMPERATURE INDICATOR, #1 AND #2 ALTIMETERS, #1 AND #2 AIRSPEED INDICATORS, #1 AND #2 VERTICAL VELOCITY INDICATORS.
6. (CT-39G) BOTH ANTI-COLLISION LIGHTS INOPERATIVE.
7. VHF OR UHF COMMUNICATION SYSTEM REQUIRED. IF NEITHER SYSTEM OPERATIONAL, REPORT AS EOC ALPHA CHARACTER (Z); IF EITHER SYSTEM, BUT NOT BOTH IS OPERATIONAL, REPORT EOC ALPHA CHARACTER (D).
8. AS APPLICABLE PER REFERENCE (c).

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T-44A

TYPE EQUIPMENT CODE: ATLA

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

AUTO FEATHER
AUTO PILOT
PASSENGER NOTICE SYSTEM
PROPELLER SYNCHROPHASER

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the day/night instrument training mission. The aircraft is not capable of all weather day and night instrument training, including the ability to simulate instrument conditions. This category will be applied anytime IMC is anticipated regardless of tasked mission. The aircraft is PMC, M or S.

RMI (COPILOT)
TACAN

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the night FAM training mission. The aircraft is not capable of night FAM training in the IMC environment. The aircraft is PMC, M or S.

ADF
AIRFOIL DE-ICE SYSTEM
AOA HEAT
COMPASS SYSTEM (2 REQUIRED)
ENGINE INERTIAL ICE VANES
ENGINE LIP BOOT HEAT
HEATED FUEL VENTILATION
LIGHTS (COCKPIT, INSTRUMENT, LANDING, POSITION AND TAXI)
PROPELLER DE-ICE SYSTEM
RADIO ALTIMETER
RMI (PILOT)
VHF
VOR (2 REQUIRED)
WINDSHIELD HEAT AND WIPER SYSTEMS
WING ICE LIGHTS

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the day FAM training

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T-44A (cont)

mission. The aircraft is not capable of day FAM training in the VMC environment. The aircraft is PMC, M or S.

IFF SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION

AIRFRAME

ELECTRICAL SYSTEMS

EMERGENCY EQUIPMENT

EMERGENCY RADIO (FLIGHT)

ENGINES

EXPLOSIVE DEVICES

FLIGHT CONTROLS

FLIGHT REFERENCE (ANGLE-OF-ATTACK)

FUEL SYSTEM

FUSELAGE COMPARTMENTS

HYDRAULIC/PNEUMATIC SYSTEM

ICS

INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 1)

LANDING GEAR

LIGHTING SYSTEMS

MISCELLANEOUS UTILITIES

OXYGEN SYSTEMS

POWER PLANT INSTALLATION

PROPELLERS

RADIO NAVIGATION

UHF COMMUNICATION SYSTEMS

CONDITIONAL INSPECTION (NOTE 2)

ENGINE INSPECTION (NOTE 2)

PHASE INSPECTION (NOTE 2)

SPECIAL INSPECTION (NOTE 2)

TECHNICAL DIRECTIVE COMPLIANCE (NOTE 2)

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T-44A (cont)

NOTES:

1. FLIGHT INSTRUMENTS INCLUDE PILOT AND COPILOT CLOCKS, ALTIMETERS, AIRSPEED INDICATORS, TURN-AND-BANK INDICATORS, PILOT OUTSIDE AIR TEMPERATURE AND COPILOT VERTICAL SPEED INDICATOR.
2. AS APPLICABLE PER REFERENCE (c).

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T-45A

TYPE EQUIPMENT CODE: ATNA

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

STROBE LIGHTS

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the night/IMC dual training mission. The aircraft is not capable of day/night all weather training flights terminating ashore with all necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft PMC, M or S.

FAILURE SIMULATION SYSTEM
INSTRUMENT TRAINING HOOD
VOR/ILS/MB SYSTEM

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the VMC dual training mission. The aircraft is not capable of day/night VMC training flights terminating ashore with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ACCELEROMETER (R/C)
ALL WX FLIGHT EQUIPMENT (R/C) (NOTE 1)
AOA INDICATOR AND INDEXER (R/C)
CABIN ALTIMETER (R/C)
INTERIOR LIGHTING (R/C)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the solo training mission. The aircraft is not capable of operating day/night with necessary communication, IFF, navigation, flight and safely systems operable from the front crew station required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ACCELEROMETER (F/C)
AOA EXTERIOR APPROACH LIGHTS (REQUIRED FOR CQ
OPERATIONS ONLY)
FORMATION LIGHTS (FORMATION ASSOCIATED FLIGHTS ONLY)

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T-45A (cont)

GUNSIGHT SYSTEM (NOTE 2)
RADAR ALTIMETER SYSTEM
WEAPON CONTROL SYSTEM (INCLUDES SIM GUN) (NOTE 2)
WEAPON DELIVERY SYSTEM (PYLONS) (NOTE 2)
YAW DAMPER SYSTEM (REQUIRED FOR CQ OPERATIONS ONLY)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ALL WX FLIGHT EQUIPMENT (F/C OR R/C) (NOTES 1,3)
AOA INDICATOR AND INDEXER (F/C OR R/C) (NOTE 3)
CABIN ALTIMETER (F/C OR R/C) (NOTE 3)
IFF SYSTEM
INTERIOR LIGHTING (F/C OR R/C) (NOTE 3)
POSITION LIGHTS
TAXI/LANDING LIGHT (REQUIRED FOR NIGHT MISSIONS ONLY)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
AUXILIARY POWER SYSTEM
COMMUNICATION CONTROL SYSTEM
ELECTRICAL POWER
ENVIRONMENTAL CONTROL
ESCAPE SYSTEM
FLIGHT CONTROLS
FLIGHT REFERENCE SYSTEM
FUEL SYSTEM (INCLUDING FUEL FLOW INDICATOR)
FURNISHINGS/COMPARTMENTS
HYDRAULIC/PNEUMATIC SYSTEMS
INSTRUMENTATION SYSTEM (INCLUDING AIRSPEED ALTIMETER)
LANDING/LAUNCHING SYSTEM (INCLUDING NOSE WHEEL STEERING)
LIGHTING SYSTEM (1 ANTI-COLLISION LIGHT REQUIRED)
MISCELLANEOUS EMERGENCY SYSTEM
OXYGEN SYSTEM
POWER PLANT INSTALLATION (INCLUDING RPM, EGT)
TURBOFAN ENGINE

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T-45A (cont)

UHF COMMUNICATIONS (1 OF 2 RADIOS REQUIRED)	
CONDITIONAL INSPECTION	(NOTE 4)
ENGINE INSPECTION	(NOTE 4)
PHASE INSPECTION	(NOTE 4)
SPECIAL INSPECTION	(NOTE 4)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 4)

NOTES:

1. ALL WX FLIGHT EQUIPMENT INCLUDES TACAN, ADI (INCLUDES TURN-AND-SLIP INDICATOR), COMPASS (WITH CALIBRATION CARD), VSI, CLOCK WITH SWEEP SECOND HAND, STANDBY ATTITUDE INDICATOR, HSI, PITOT/AOA HEAT.
2. PROVISIONS ONLY. INSTALLATION REQUIRED ONLY TO PERFORM WEAPONS ASSOCIATED FLIGHTS.
3. R/C EQUIPMENT REQUIRED IF NON-DESIGNATED OR NON-NATOPS QUALIFIED NAVAL AVIATOR IN F/C.
4. AS APPLICABLE PER REFERENCE (c).

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OV-10A/OV-10D
TYPE EQUIPMENT CODE: AYHA/AYHG

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ADF
ANGLE-OF-ATTACK/APPROACH LIGHT
EXTERNAL FUEL SYSTEM
HEAT SYSTEM
HF RADIO
MACHINE GUN (M-60)
SMOKE GENERATING SYSTEM

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the close-in fire support mission. The aircraft is not capable of conducting forward air control, helicopter escort or close-in fire suppression. The aircraft is PMC, M or S.

FORWARD FIRING WEAPONS DELIVERY SYSTEM (NOTE 1)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing the limited weapon delivery mission. The aircraft is not capable of conducting sensor implant, conducting airframe strip photography, delivery unguided free-fall weapons or conducting target ranging/designation (when appropriate provisions installed). The aircraft is PMC, M or S.

AERIAL CAMERA (KB-18) (AFC-20) (NOTE 2)
AN/AAS-37 LRD (OV-10D ONLY) (NOTE 2)
ARMAMENT CONTROL PANEL
EXTERNAL STORES JETTISON
GUN SIGHT SYSTEM
RADIO FREQUENCY MONITOR SET (NOTE 2)
WEAPONS CARRIAGE AND RELEASE SYSTEM

Assign alpha character (E) of the EOC code when the following system(s) are inoperative preventing the observations and reconnaissance mission. The aircraft is not capable of conducting aerial reconnaissance and observations using an aerial observer, conducting front-line low-level aerial photography, conducting message and photo drops, conducting VHF

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OV-10A/OV-10D (cont)

radio relay or night observation (when appropriate provisions installed). The aircraft is PMC, M or S.

AN/AAS-37 FLIR (OV-10D ONLY)	(NOTE 2)
EJECTION SEAT (REAR)	
OBSERVER INSTRUMENTS	(NOTE 3)
VHF (FM) (#2)	

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing the utility mission. The aircraft is not capable of pilot aerial reconnaissance and observation, conducting emergency supply and resupply, to include aerial delivery of cargo and passengers, conducting MEDEVAC flights or augmenting local SAR. The aircraft is PMC, M or S.

AIR VEHICLE PACKAGE	(NOTE 2)
CHAFF/FLARE DISPENSER (ALE-39)	(NOTE 2)
ENCODER (KY-28)	(NOTE 2)
INFRARED SUPPRESSION KIT	(NOTE 2)
IR JAMMER (ALQ-144)	(NOTE 2)
RADAR WARNING SET (APR-39)	(NOTE 2)
VHF (FM) (#1)	

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of operating from aircraft carriers and advanced bases for using encrypted IFF. The aircraft is PMC, M or S.

IFF/SIF	
KIT 1A	(NOTE 2)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

ANTI-BLACK OUT SYSTEM
 ATTITUDE INDICATOR (PILOT)
 CLOCK WITH SWEEP SECOND HAND (PILOT ONLY)
 DIRECTIONAL GYRO (PILOT ONLY)
 EXTERIOR LIGHTING
 IFF (MODE 3 ONLY)

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OV-10A/OV-10D (cont)

INTERIOR LIGHTING (PILOT)
MAGNETIC COMPASS
PITOT HEATER
RADAR ALTIMETER
TACAN
TURN-AND-SLIP INDICATOR
UHF
VERTICAL SPEED INDICATOR

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
FLIGHT CONTROLS
FLIGHT REFERENCE
FUEL SYSTEM
FUSELAGE COMPARTMENTS (LESS COPILOT SEAT)
HYDRAULIC/PNEUMATIC SYSTEM
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES) (NOTE 4)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION AND ADVISORY/
WARNING LIGHTS)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS
POWER PLANT INSTALLATION
PROPELLERS
UHF/VHF COMMUNICATION SYSTEMS (1 OF 2 SYSTEMS REQUIRED)
CONDITIONAL INSPECTION (NOTE 5)
ENGINE INSPECTION (NOTE 5)
PHASE INSPECTION (NOTE 5)
SPECIAL INSPECTION (NOTE 5)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 5)

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OV-10A/OV-10D (cont)

NOTES:

1. M-60 MACHINE GUNS OR GUN PODS OR ROCKETS.
2. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. WHEN THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
3. ALTIMETER, AIRSPEED INDICATOR, DIRECTIONAL GYRO, ATTITUDE INDICATOR, CLOCK, LIGHTS.
4. FLIGHT INSTRUMENTS (LESS STALL WARNING AND AOA).
5. AS APPLICABLE PER REFERENCE (c).

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TAV-8B
TYPE EQUIPMENT CODE: AYLG

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ALL WEATHER LANDING SYSTEM (ARA-63)
APPROACH OR HOVER LIGHT
AUTOMATIC FLIGHT CONTROL/ALTITUDE HOLD (ASW-46)
COMBAT THRUST
EMERGENCY STORES JETTISON
EXTERNAL POWER SUPPLY
GROUND INTERPHONE
LIDS
SELECTIVE STORES JETTISON
STOP WATCH (ONE)
TACAN (AIR-TO-AIR) (ARN-118)
VIDEO/VOICE RECORDER
WATER INJECTION SYSTEM
8 DAY CLOCK (ABQ-24/A)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the night VMC or IMC dual training mission. The aircraft is not capable of night VMC or IMC training operations terminating ashore with necessary communication, IFF, navigation, flight, and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S. See NOTE 2.

ANTI-COLLISION LIGHT (ONLY ONE REQUIRED)
IFF (3A, C) (APX-100)
INSTRUMENT LIGHTS
NAVIGATION LIGHTS
STANDBY GYRO (ARU-55/A)
STANDBY HORIZONTAL SITUATION INDICATOR (ID-2284/A)
TACAN (T/R) (ARN-118)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing day VMC air-to-ground weapons training. The aircraft is not capable of releasing practice ordnance or generating symbology to practice the same. The aircraft is PMC, M or S. See NOTE 2.

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TAV-8B (cont)

ARMAMENT CONTROL PANEL
BOMB RACK (BRU-36)
HOTAS FUNCTIONS
STANDBY RETICLE (SU-128/A)
STORES MANAGEMENT SET (AYQ-13)
WING PYLONS

(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the day VMC dual training mission. The aircraft is not capable of day VMC training operations terminating ashore or on ship with necessary communications, IFF, navigation, flight, and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S. See NOTE 2.

ACCELEROMETER
ELECTRONIC ALTIMETER (APN-194)
INERTIAL NAVIGATION SYSTEM (ASN-130/A)
MULTIPURPOSE DISPLAY (IP-1318/A)
Q FEEL
SAAHS (ASW-46)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day field flight operations under VMC with two-way radio communication and necessary aircraft and pilot safety provisions. The aircraft is NMC, M, or S. See NOTE 2.

ACNIP ASSOCIATED EQUIPMENT
AIR DATA SYSTEM (CP-1471/A)
AIRFRAME/PANELS
ANTISKID/NORMAL AND EMERGENCY BRAKE SYSTEM
CAUTION/WARNING PANEL LIGHTS
CANOPY/MDC SYSTEM
CNIDC ASSOCIATED EQUIPMENT (CV-3736/A)
COMMUNICATIONS, BOTH 1 AND 2 (ARC-182)
DISPLAY PROCESSOR (CP-1450/A)
EJECTION/SURVIVAL/ESCAPE SYSTEM (FWD SJU-13/A,
AFT SJU-14/A)
ELECTRICAL POWER AND DISTRIBUTION SYSTEM (AC, TRU,
STBY TRU, BATTERY)
ENGINE AND UTILITY INSTRUMENTATION
ENGINE/DECS/HYDROMECHANICAL/MANUAL FUEL SYSTEM/JPTL

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TAV-8B (cont)

ENVIRONMENTAL SYSTEM/COCKPIT PRESSURIZATION,
G-SYSTEM, OBOGS, TEMPERATURE CONTROL/DEFOG
FIRE/HEAT DETECTION SYSTEM
FLAP SYSTEM
FLIGHT AND FLIGHT CONTROL INSTRUMENTATION
FLIGHT CONTROLS
FUEL SYSTEM (BOOST PUMPS, FLOW PROP, PRESS/VENT,
STORAGE, DISTRIBUTION, INDICATION)
GTS/APU
HUD (SYSTEM) (SU-128/A)
HYDRAULIC SYSTEM
INTER-COMMUNICATION SYSTEM
MAGNETIC COMPASS (AQU-14/A)
MISSION COMPUTER (AYK-14)
NORMAL AND EMERGENCY LANDING GEAR SYSTEM
NOSE WHEEL STEERING SYSTEM
NOZZLE AND REACTION CONTROL SYSTEM
PITOT STATIC SYSTEM
RADIO SET CONTROL (REMOTE) (C10776/ARC-182)
SPEEDBRAKE
UP FRONT CONTROL SET (ASQ-179)
CONDITIONAL INSPECTION (NOTE 3)
ENGINE INSPECTION (NOTE 3)
PHASE INSPECTION (NOTE 3)
SPECIAL INSPECTION (NOTE 3)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 3)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. IF THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. FRONT COCKPIT SINGLE CREW OPERATIONS SHALL RECEIVE AN ALPHA CHARACTER (K) IF THE SYSTEM OR INDICATION CONCERNED AFFECTS THE REAR COCKPIT ONLY.
3. AS APPLICABLE PER REFERENCE (c).

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AV-8B

TYPE EQUIPMENT CODE: AYLF

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The aircraft is FMC, M or S.

ALL WEATHER LANDING SYSTEM (ARA-63)
APPROACH OR HOVER LIGHT
AUTOMATIC FLIGHT CONTROLS/ALTITUDE HOLD (ASW-46)
COMBAT THRUST
DATA STORAGE UNIT (ASQ-194) (NOTES 1, 2)
EXTERNAL POWER SUPPLY
GROUND INTERPHONE
LIDS
RADAR BEACON SET (APN-202)
STANDBY RETICLE (SU-128/A) (NOTE 3)
STOP WATCH
TACAN (AIR-TO-AIR) (ARN-118)
VIDEO/VOICE RECORDER
WATER INJECTION SYSTEM
8 DAY CLOCK (ABU-24/A)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative preventing the air defense mission. The aircraft is only partially capable of or not capable of performing combat air patrols with air guide weapons or the accurate release of air weapons. The aircraft is PMC, M, or S.

DEPARTURE RESISTANCE
LEAD COMPUTING OPTICAL SIGHT (SU-128/A, CP-1450/A,
ASN-130/A)
Q FEEL
SIDEWINDER LAUNCHER (LAU-7/A) (NOTE 1)
SIDEWINDER SEAM BORESIGHT (SU-128/A, CP-1450/A,
AYQ-13)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative preventing sophisticated operational air support mission(s). The aircraft is not capable of striking surface targets in a sophisticated threat environment, systems delivery of multiple weapons in a single pass, or delivering laser guided and electrically fused weapons during day/night deep air support, close air support, helicopter escort, or reconnaissance missions. The aircraft is PMC, M, or S.

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AV-8B (cont)

AIRBORNE SELF PROTECTION JAMMER (ALQ-165)	(NOTE 1)
ANGLE RATE BOMBING SYSTEM (ASB-19)	(NOTE 1)
CHAFF/FLARE DISPENSER (ALE-39)	(NOTE 1)
DECM POD (ALQ-164)	(NOTE 1)
DIGITAL MOVING MAP (ASQ-196)	(NOTES 1, 2)
MULTIPURPOSE COLOR DISPLAY 1 OR 2 (IP-1535/A)	(NOTES 4, 5)
NAVIGATION FLIR (AAR-51)	(NOTES 1, 2)
NIGHT VISION GOGGLES/HELMET	(NOTE 2)
RADAR WARNING (ALR-67)	(NOTE 1)
SECURE IFF (KIT-1A/TSEC)	(NOTE 1)
SECURE VOICE (KY-58)	(NOTE 1)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative preventing permissive operational air support mission(s). The aircraft is not capable of striking surface targets with multiple weapons during deep air support, close air support, helicopter escort, or reconnaissance missions. The aircraft is PMC, M, or S.

ACCELEROMETER ("G" INDICATION)	
ARMAMENT CONTROL PANEL	
BOMB RACKS (BRU-36)	(NOTE 1)
EMERGENCY STORES JETTISON	
EXTERNAL FUEL TRANSFER	(NOTE 1)
GUN SYSTEMS (GAU-12/U)	(NOTE 1)
HOTAS FUNCTIONS	
IFF SYSTEM (MODE 1,2,4 APX-100)	
LAU-117/A LAUNCHER	(NOTE 1)
SELECTIVE STORES JETTISON	
STORES MANAGEMENT SYSTEM (AYQ-13)	
WING PYLONS	

Assign alpha character (K) of the EOC code when the following system(s) are inoperative preventing the expanded mobility mission. The aircraft is not capable of safe movement on and off a platform ship during day, night, and instrument meteorological conditions, nor operations that require inflight refueling capability. The aircraft is PMC, M, or S.

ELECTRONIC ALTIMETER (APN-194)	
INFLIGHT REFUELING SYSTEM	(NOTE 1)

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AV-8B (cont)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative preventing the IMC flight mission. The aircraft is not capable of day or night IMC field flight operations with necessary communication, IFF, navigation, flight and safety systems required by applicable NATOPS and FAA regulations. The aircraft is PMC, M or S.

COMMUNICATIONS 1 OR 2 (ARC-182) (NOTE 4)
 IFF SYSTEM (3A, C) (APX-100)
 INERTIAL NAVIGATION SYSTEM (ASN-130/A)
 INSTRUMENT LIGHTS
 NAVIGATION LIGHTS
 SAAHS (ASW-46)
 STANDBY GYRO (ARU-55/A)
 STANDBY HORIZONTAL SITUATION INDICATOR (ID-2284/A) (NOTE 3)
 STANDBY INSTRUMENTS
 TACAN SET (T/R) (ARN-118)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR DATA SYSTEM (CP-1471/A)
 AIRFRAMES/PANELS
 ACNIP ASSOCIATED EQUIPMENT
 ANTICOLLISION LIGHT (NOTE 4)
 ANTISKID/NORMAL AND EMERGENCY BRAKES
 CANOPY/MDC SYSTEMS
 CAUTION/WARNING PANEL LIGHTS
 CNIDC ASSOCIATED EQUIPMENT (DV-3736/A)
 COMMUNICATIONS BOTH 1 AND 2 (ARC-182) (NOTE 4)
 DDI (NOTE 3)
 DISPLAY PROCESSOR (CP-1450/A)
 ELECTRICAL POWER AND DISTRIBUTION SYSTEM (AC, TRU, STBY TRU, BATTERY)
 ENGINE AND UTILITY INSTRUMENTATION
 ENGINE/DECS/HYDROMECHANICAL/MANUAL FUEL CONTROL SYSTEM/JPTL
 ENGINE INSPECTION
 ENVIRONMENTAL SYSTEM/COCKPIT PRESSURIZATION, G-SYSTEM, OBOGS, TEMPERATURE CONTROL/DEFOG

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AV-8B (cont)

EJECTION/SURVIVAL/ESCAPE SYSTEM (SJU-4/A, SKU-6/A)
FIRE/HEAT DETECTION SYSTEM
FLAP SYSTEM
FLIGHT AND FLIGHT CONTROL INSTRUMENTATION
FLIGHT CONTROLS
FUEL SYSTEM (BOOST PUMPS, FLOW PROP, PRESS/VENT,
STORAGE, DISTRIBUTION, INDICATION)
GTS/APU
HUD SYSTEM (SU-128/A, SU-158/A NIGHT ATTACK)
HYDRAULIC SYSTEM
MAGNETIC COMPASS (AQU-14A)
MISSION COMPUTER (AYK-14)
MULTIPURPOSE COLOR DISPLAY, BOTH 1 AND 2 (NOTE 5)
MULTIPURPOSE DISPLAY
NORMAL AND EMERGENCY LANDING GEAR SYSTEM
NOSE WHEEL STEERING
NOZZLE SYSTEM/REACTION CONTROLS
PITOT STATIC SYSTEM
RADIO SET CONTROL (REMOTE) (C10776/ARC-182)
SPEEDBRAKE
UP FRONT CONTROL SET (ASQ-179)
CONDITIONAL INSPECTION (NOTE 6)
ENGINE INSPECTION (NOTE 6)
PHASE INSPECTION (NOTE 6)
SPECIAL INSPECTION (NOTE 6)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 6)

NOTES:

1. WHEN THE EQUIPMENT IS INSTALLED, REPORT ON THE COMPLETE SYSTEM. IF THE EQUIPMENT IS NOT INSTALLED, REPORT ON THE WIRING AND PLUMBING ONLY.
2. REQUIRED FOR THE NIGHT LOW ALTITUDE TACTICS OF THE NIGHT ATTACK AV-8B.
3. APPLICABLE ONLY TO THE DAY ATTACK AV-8B.
4. AIRCRAFT NMC IF BOTH ARE INOPERABLE.
5. TWO MPCD's REQUIRED FOR NIGHT LOW ALTITUDE IN THE NIGHT ATTACK AV-8B.
6. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

QF-86H/QF-86F/
QF-4B/QF-4J/QF-4N/T-2B/QT-38A/U-1B/U-6A
TYPE EQUIPMENT CODES: AABD/AFCD/AFCE/AFPC/AFPD/AFPE/
ATBB/ATHC/AUBB/AUGA

Do not assign an EOC code if all equipment is operational. The aircraft is OPC.

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) prevent the aircraft from being safely flyable. The aircraft is not capable of day, field flight operations under VMC with two-way radio communication and necessary aircraft and crew safety provisions. The aircraft is NMC, M or S.

AIR CONDITIONING/PRESSURIZATION
AIRFRAME
ELECTRICAL SYSTEMS
EMERGENCY EQUIPMENT
EMERGENCY RADIO
ENGINES
EXPLOSIVE DEVICES
DECELERATION EQUIPMENT/DROGUE PARACHUTE
FLIGHT CONTROLS
FLIGHT REFERENCE
FUEL SYSTEM
FUSELAGE COMPARTMENTS
ICS
INSTRUMENTS/INSTRUMENT SYSTEMS (WUC 51 SERIES)
LANDING GEAR
LIGHTING SYSTEMS (ANTI-COLLISION LIGHT)
MISCELLANEOUS UTILITIES
OXYGEN SYSTEMS
POWER PLANT INSTALLATION
PROPELLERS
ROTOR SYSTEM
UHF COMMUNICATION SYSTEMS
VHF COMMUNICATION SYSTEMS
CONDITIONAL INSPECTION (NOTE 1)
ENGINE INSPECTION (NOTE 1)
PHASE/CALENDAR INSPECTION (NOTE 1)
SPECIAL INSPECTION (NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 1)

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QF-86H/QF-86F/QF-4B/
QF-4J/QF-4N/T-2B/QT-38A/U-1B/U-6A (cont)

NOTE:

1. AS APPLICABLE PER REFERENCE (c).

DOCUMENT APPROPRIATE EOC ONLY WHEN A MALFUNCTION IS CAUSING THE AIRCRAFT TO BE NOT SAFELY FLYABLE. THE SYSTEMS LISTED WILL NOT BE APPLICABLE TO ALL AIRCRAFT.

OPNAVINST 5442.4M

17 OCT 1990

MISSION-ESSENTIAL SUBSYSTEMS MATRICES FOR
U. S. NAVY, U. S. MARINE CORPS AND
U. S. NAVY AND MARINE CORPS RESERVE TRAINING DEVICES

Enclosure (2)

17 OCT 1990

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1. INTRODUCTION

a. The MESM identifies those systems, subsystems and equipment (R) that must be operational to perform each specific mission assigned to an aircraft. The MESM lists the alpha character of the EOC code needed to document and report the material condition degradation of the aircraft through the Subsystem Capability Impact Reporting (SCIR) system. MESMs are developed for all aircraft.

b. Prior to actual construction of a MESM, the missions of an (R) aircraft must be determined. The specific mission areas defined in the Operational Requirements (OR) documentation are used as a general guide in the development of aircraft mission descriptions. Tactical manual mission definitions are used to expand on mission descriptions to provide the detailed mission descriptions required for MESM construction.

c. After mission descriptions have been formalized, the system, subsystems and equipment required to perform each individual mission are determined.

(1) For new procurements, the aircraft Program Manager is (R) responsible for MESM development on new aircraft. Design and engineering personnel determine which systems, subsystems or equipment are required to perform each mission. A system, subsystems or equipment functional matrix is helpful for determining system, subsystems and equipment interrelationships. Navy technical manuals (e.g., NATOPS flight manual, illustrated parts breakdowns, maintenance instructions, etc.) for similar aircraft may be consulted as secondary information sources. The developed MESM is forwarded to the CNO (OP-515) for processing.

(2) When modifications of out of production aircraft (R) require MESM changes, The Naval Air Systems Command "office of primary responsibility" will develop and submit the MESM change recommendation to the CNO (OP-515) for processing.

2. SYSTEM, SUBSYSTEMS AND EQUIPMENT FUNCTIONAL MATRIX CONSTRUCTION

a. The matrix is constructed with vertical columns identifying each specific mission in descending order (optimum to minimum capability from left to right). Unclassified descriptive names shall be used to readily identify each mission (figure (1)).

Enclosure (2)

b. The systems, subsystems or equipment should be listed horizontally on the left side of the matrix with an "X" placed in each of the mission columns for which a system, subsystem or equipment is required. Holes may appear in the matrix (e.g., figure 1, equipment #7) relative to the FMC mission. When this occurs, it will be necessary to reevaluate the impact of the equipment on that specific mission and decide if the hole should be ignored or if an attempt to rearrange the equipment to mission correlation in the matrix should be made. When systems, subsystems or equipment are identified for each mission, it may be discovered that only specific modes of operation are required to perform that particular mission and should be indicated (e.g., figure (1) equipment #3, EOC alpha characters (C) and (K)). Redundant systems, subsystems or equipment (e.g., primary and backup) should be grouped together specifying the degree or number required to perform the mission (e.g., figure 1, equipment #4 and equipment #5).

R) c. EOC alpha designator (B) will be assigned to inoperative systems, subsystems or equipment which degrade the aircraft from OPC to FMC. EOC alpha designator (C) through (K) will be assigned to inoperative systems, subsystems or equipment which degrade the aircraft from FMC to PMC thus preventing a specific mission. EOC alpha designator (L) will be assigned to inoperative systems, subsystems or equipment which prevent the IMC flight mission. EOC alpha designator (Z) will be assigned to systems, subsystems or equipment or conditions which degrade the aircraft from MC to NMC. Alpha characters (M) through (Y) are never used.

d. Major systems, subsystems or equipment (e.g., engines, electrical systems or flight controls, etc.) that do not otherwise appear in the MESM, but which, when inoperative, preclude safe flight or operation, should be assigned EOC alpha character code (Z).

e. Unit Mission Equipment (UME) is a specialized system, subsystem or equipment which gives the aircraft capabilities required for special missions (e.g., tanker packages, defensive electronic countermeasures, chaff dispensers, Sidewinder missile systems, etc.). When UME is installed, report on the complete system. If it is not installed and the necessary wiring and plumbing are permanently installed, report only on the wiring and plumbing. A note to this effect will be included for each UME in the MESM.

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 f. Any comment that is required to explain why a system/subsystem/equipment is in the MESM, under what circumstances equipment impacts mission capabilities, or one of several interpretations, should be included in the matrix development as a "NOTE."

g. EOC alpha characters are determined by assigning the letter (R of the mission category following the last system, subsystems or equipment displaying an "X" in the mission category. Referring to figure 1, all equipment listed is required to make the aircraft OPC. If equipment #1 is inoperative, the EOC code assigned will begin with (B), indicating that without equipment #1 the aircraft is only capable of missions less than OPC. The second and third characters of the EOC code are computer generated comprising the first two characters of the Work Unit Code of the failed system causing mission impact.

3. MESM CONSTRUCTION

a. When the matrix has been completed, the specific missions have been defined and an EOC alpha character has been assigned to specific missions, the actual MESM can be constructed.

(1) The EOC code alpha character assigned to each mission will be utilized as the first sentence of each mission description.

(2) All systems, subsystems or equipment and EOC codes are listed under the mission assigned.

(3) Any notes will be annotated at the right margin and listed at the end of the MESM in numerical order.

4. SUBMITTAL OF THE MESM. The final MESM with mission descriptions will be submitted to the CNO (OP-515) via the chain of command in accordance with paragraph 6 of the basic instruction.

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DESIGNATION ALPHA EPOCH CAN	MISSION ESSENTIAL EQUIPMENT	OPC MISSION	FMC MISSION	PMC MISSION	PMC MISSION	PMC MISSION	PMC MISSION	PMC MISSION	SAFELY FLYABLE
B	EQUIPMENT 1	X							
C	EQUIPMENT 2	X	X						
C	EQUIPMENT 3 (T/A MODE REQUIRED)	X	X						
D	EQUIPMENT 4 (2 OF 2 REQUIRED)	X	X	X					
D	EQUIPMENT 5 (POSITIONS 4 & 5 REQUIRED)	X	X	X					
J	EQUIPMENT 6	X	X	X	X				
J	EQUIPMENT 7 (NOTE)	X		X	X				
K	EQUIPMENT 3 (T/F MODE REQUIRED)	X	X	X	X				
L	EQUIPMENT 8	X	X	X	X	X			
Z	EQUIPMENT 9	X	X	X	X	X	X	X	X
Z	ENGINE INSPECTION	X	X	X	X	X	X	X	X

NOTE: When the equipment is installed, report on the complete system. If the equipment is not installed, report on the wiring and plumbing only.

Figure 1

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TA-4J OFT 2F90 (cont)

CLOCK (CONSOLE)
TRAINER AIR CONDITIONING SYSTEM

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

SLIDE PROJECTOR

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AIRCRAFT LIGHTING SYSTEM
CANOPY SYSTEM
CLOCK (COCKPIT)
COMMUNICATION EQUIPMENT
DROP TANK PRESSURIZATION SYSTEM
ENGINE CONTROL SYSTEM
ENGINE PERFORMANCE INDICATORS
FLAP SYSTEM
FLIGHT AND TRIM CONTROLS
FLIGHT PERFORMANCE INDICATORS
FLIGHT/SYSTEMS COMPUTER
HYDRAULIC SYSTEM
INSTRUCTOR CONSOLE
INTERIOR/EXTERIOR FUEL QUANTITY
LANDING GEAR SYSTEM
LOW OIL QUANTITY/PRESSURE
NAVIGATION EQUIPMENT/INDICATORS
OXYGEN BREATHING SYSTEM
TRAINER I/O RACK
WARNING/CAUTION LIGHTS
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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T-44 OFT 2F129
TYPE EQUIPMENT CODE: VACV

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ANGLE-OF-ATTACK SYSTEM
ANTI-/DE-ICE SYSTEM
AUTOPILOT
BRAKE SYSTEM
COCKPIT/AIRCRAFT LIGHTING SYSTEM
EMERGENCY AND NORMAL STATIC AIR
ENGINE AUTO IGNITORS
FIRE DETECTION SYSTEM
FUEL TRANSFER TEST SWITCH
ICS
INVERTER (1 REQUIRED)
MOTION SYSTEM
PRESSURIZATION SYSTEM
T-44 ENVIRONMENTAL SYSTEM
UHF/DF

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ADF SYSTEM
BATTERY CHARGE SYSTEM
COPILOT FLIGHT INSTRUMENTS
FUEL BOOST PUMPS
FUEL QUANTITY INDICATORS
FUEL TRANSFER SYSTEM
GANG BAR SWITCHES
TACAN SYSTEM

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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T-44 OFT 2F129 (cont)

VOR SYSTEM

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ANNUNCIATOR PANEL
ENGINE START SYSTEM
FUEL FLOW INDICATORS
GENERATOR VOLT/LOADMETERS
ITT INDICATORS
OIL TEMPERATURE/PRESSURE INDICATORS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONER (COCKPIT)
AIRSPEED INDICATOR (PILOT)
AVIONICS MASTER SWITCH
BAROMETRIC ALTIMETER (PILOT)
COMPUTER/INTERFACE
CONTROL LOADING
ENGINE CONTROL SYSTEM (PROPELLER, POWER,
CONDITION LEVERS)
FIREWALL VALVES
FLAP SYSTEM
FLIGHT DIRECTOR (PILOT)
INVERTERS (#1 AND #2 REQUIRED)
LANDING GEAR SYSTEM
NCS-31 SYSTEM
PROPELLER TACHOMETER
TORQUE METERS
TURN-AND-SLIP INDICATOR (PILOT)
VERTICAL SPEED INDICATOR (PILOT)
PHASE/CALENDAR INSPECTION (NOTE 1)
SPECIAL INSPECTION (NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 1)
FACILITY AIR CONDITIONING AND UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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A-6E WST 2F114
TYPE EQUIPMENT CODE: VAEG

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CATAPULT GRIP/STRUT LOCK
CHAFF DISPENSER CONTROL PANEL
ECM PANEL
RADAR BEACON CONTROL PANEL
THREAT INDICATOR

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

APPROACH POWER COMPENSATOR
ECM WARNING CONTROL PANEL

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CANOPY BOW CHAFF/COMMIT PANEL
DYNAMIC RECORDER
ECM WARNING LIGHT
FUZING PANEL (AWW-4)
NUCLEAR CONTROL PANEL
OXYGEN QUANTITY GAUGE
PRINTER PLOTTER
VOICE RECORDER

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

EJECTION SEAT TILT (PILOT AND B/N)

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A-6E WST 2F114 (cont)

OPTICAL SIGHT
OUTSIDE AIR TEMPERATURE GAUGE
SIGHT UNIT CONTROL PANEL
WING FOLD

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACLS CONTROL PANEL
AFCS OUT INDICATOR LIGHT
APC STBY INDICATOR LIGHT
ARRESTING HOOK POSITION WARNING BYPASS SWITCH
AUTOPILOT CONTROL PANEL
AUXILIARY HYDRAULIC PUMP BUTTON
DISCRETE MESSAGE INDICATOR PANEL
EMERGENCY FLAP SWITCH
EXTERIOR LIGHT MASTER SWITCH
G-VALVE TEST BUTTONS
HOOK RELEASE HANDLE
ILS RECEIVER CONTROL PANEL
MASTER LIGHT PANEL
THROTTLE FRICTION LEVER
WAVE OFF INDICATOR LIGHT

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CONSOLE DIRECT VIEW RADAR INDICATOR
MASTER TEST BUTTON (B/N)
RADAR/DRS TEST PANEL

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ARMAMENT CONTROL UNIT
INSTRUCTOR STATION CRT 3 AND 4 (B/N)
MASTER ARMAMENT PANEL
SEARCH RADAR TERRAIN CLEARANCE
SPEED BRAKE TEST SWITCH
TACTICS COMPUTER

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A-6E WST 2F114 (cont)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- COMPUTER
- DIGITAL DISPLAY UNIT
- DIGITAL LANDMASS RADAR
- DIRECT VIEW RADAR INDICATOR
- DOPPLER CONTROL PANEL
- NAVIGATION CONTROL PANEL
- RADAR CONTROL PANEL (B/N)
- SLEW CONTROL

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

G-METER

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

- AIR CONDITIONING CONTROL PANEL
- AIRSPEED INDICATOR
- ANGLE-OF-ATTACK INDICATOR
- ANNUNCIATOR PANEL
- ANTI-SKID
- APPROACH INDEXER/HOOK LIFT PANEL
- AUXILIARY BRAKES GAUGE
- AUXILIARY INDICATOR PANEL (PILOT)
- BACK UP HYDRAULIC SYSTEM TEST SWITCH
- BLEED AIR SWITCHES
- BRAKE SELECT HANDLE
- CABIN DUMP/MA-1 AND UTILITIES ADC PANEL
- CABIN PRESSURE GAUGE
- CANOPY EMERGENCY JETTISON HANDLE
- CANOPY SWITCH
- CONTROL PANEL (PILOT)

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A-6E WST 2F114 (cont)

CLOCK (PILOT)
EMERGENCY STORES JETTISON BUTTON
ENGINE NOISE
EXHAUST GAS TEMPERATURE GAUGES
EXTERIOR CONFIGURATION INDICATOR PANEL
FIRE WARNING LIGHT (LEFT AND RIGHT)
FLAP LEVER
FLAPERON POP-UP
FLIGHT COMPUTER
FUEL MANAGEMENT CONTROL PANEL
FUEL QUANTITY GAUGE
GENERATOR/SPEED DRIVE/ENGINE FUEL PANEL
HORIZONTAL SITUATION INDICATOR
HYDRAULIC PRESSURE INDICATOR
ICS
INTEGRATED POSITION INDICATOR
INTERIOR CIRCUIT BREAKERS
LANDING GEAR HANDLE
LANDING GEAR OVERRIDE SWITCH
LOW ALTITUDE WARNING LIGHT
NOSE WHEEL WELL TEMPERATURE LIGHT
MA-1 COMPASS CONTROL PANEL
MASTER CAUTION PANEL
MASTER CAUTION SWITCH/LIGHT
MASTER TEST BUTTONS
MOTION SYSTEM
OXYGEN SWITCH
PILOT/INSTRUCTOR STATION CRT 1 AND 2
PRESSURE ALTIMETER
PUSH-TO-CRANK SWITCHES
RADAR ALTIMETER
RAM AIR TURBINE T-HANDLE
RATE-OF-CLIMB INDICATOR (PILOT)
RUDDER TRIM AND GAUGE
SPIN ASSIST SWITCH
STABILIZER TRIM GAUGE
TACAN CONTROL PANEL
TEMPERATURE WARNING LIGHT (AFT)
THROTTLES
TRIM MOTORS
TURN-AND-SLIP INDICATOR
UHF
VERTICAL DISPLAY INDICATOR (CONSOLE)
VERTICAL GYRO INDICATOR
WHEELS WARNING LIGHT

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A-6E WST 2F114 (cont)

PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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EA-6B WST 2F119
TYPE EQUIPMENT CODE: VAEH

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

CABIN PRESSURE GAUGE (AFT)
CLOCK (8-DAY) (ECMO-2)
MAN AND MOD SWS/RESET LTS
PRESSURE ALTIMETER (AFT)
SW/PW STRIP SW/JMR PWR SEL SW/TEST SW/MSTR RAD

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACLS MODE 1
PLAN MODE

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRSPEED INDICATOR (AFT)
ALE-39
ALQ-92
ALQ-126
ATTITUDE REFERENCE INDICATOR (ARI) (AFT)
AUDIO (ECMO 2)
AUDIO (ECMO 3)
BAND ACTY PANEL (INCL: VDB-DSELSW/MAN TUNE (ECMO 3))
BDHI (NO. 1 AND 2 NDLS/CONT SW (EMCO 2))
BDHI (NO. 1 AND 2 NDLS/CONT SW (EMCO 3))
CLOCK (8-DAY) (ECMO 3)
DDI (ECMO 2)
DDI (ECMO 3)
DDIC (ECMO 2)
DDIC (ECMO 3)

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ICS CONTROL PANEL (ECMO 2)
ICS CONTROL PANEL (ECMO 3)
INTERIOR LIGHTS PANEL (ECMO 2)
INTERIOR LIGHTS PANEL (ECMO 3)
JAMMER STATUS PANEL
MASTER LIGHT TEST (ECMO 2)
MASTER LIGHT TEST (ECMO 3)
OBS/TJS MSTR PANEL (INCL: OBS PWR PB/RCS SW/COMPT)
PILOT PHD
RADIO CONTROL PANEL (ECMO 2)
RADIO CONTROL PANEL (ECMO 3)
RECEIVER MONITOR (ECMO 2)
RECEIVER MONITOR (ECMO 3)
VIDEO (ECMO 2)
VIDEO (ECMO 3)
WARNING LIGHTS PANEL

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUTOPILOT
INSTRUCTOR THREE AN KEYBOARD
INSTRUCTOR THREE CRT 4 AND 5
INSTRUCTOR THREE FUNCTION KEYBOARD
INSTRUCTOR THREE ICS/RADIO CNTL
INSTRUCTOR THREE LIGHT PEN
INSTRUCTOR TWO LIGHT PEN

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ECMO 1 DVRI

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

RADAR (DRILMS)

Assign alpha character (H) of the EOC code when the following

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system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACLS MODE 2

ADF

NAV COMPUTER - CCI/4PI CMPTR

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DYNAMIC REPLAY

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRSPEED INDICATOR

AKI

ALTIMETER

AOA SYSTEM

ARI

CAUTION/WARNING LIGHT SYSTEM

CIRCUIT BREAKER PANELS

COCKPIT ENVIRONMENTAL SYSTEM

CONSOLE VISUAL DISPLAY UNIT

CRITIQUE REPLAY

ENGINE INSTRUMENTS (RPM, EGT FUEL FLOW)

ENGINE NOISE

FLIGHT CONTROL SYSTEM

FUEL MANAGEMENT PANEL

GENERATOR CONTROL PANEL

GROUND MOTION

HF

HSI

HYDRAULIC SYSTEM INDICATORS

ICS SYSTEM

INSTRUCTOR STATION ONE AN KEYBOARD

INSTRUCTOR STATION ONE CRT 1 AND 2

INSTRUCTOR STATION ONE FUNCTION KEYBOARD

INSTRUCTOR STATION ONE ICS/RADIO CNTL

INSTRUCTOR STATION ONE LIGHT PENS

INSTRUCTOR STATION TWO AN KEYBOARD

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INSTRUCTOR STATION TWO CRT 3
INSTRUCTOR STATION TWO FUNCTION KEYBOARD
INSTRUCTOR STATION TWO ICS/RADIO CNTL
INTEGRATED POSITION INDICATOR
MOTION SYSTEM
OPERATE MODE
RADAR ALTIMETER
TACAN
UHF 1 AND 2
VISUAL SYSTEM
VSI

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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EA-6B TAC 15E22A
TYPE EQUIPMENT CODE: VAEJ

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

ATTITUDE REFERENCE INDICATOR (ARI)
CABIN PRESSURE GAUGE
CLOCK (8-DAY) (ECMO 2)
PRESSURE ALTIMETER

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

PLAN MODE SYSTEM

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRSPPEED INDICATOR
CLOCK (8-DAY) (ECMO 3)
INSTRUCTOR STATION ICS/RADIO CONTROL
INTERIOR LIGHTS PANEL (ECMO 2)
INTERIOR LIGHTS PANEL (ECMO 3)
RELAY SYSTEM

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

MASTER LIGHT TEST (ECMO 2)
MASTER LIGHT TEST (ECMO 3)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can

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complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DDI (ECMO 2)
DDIC (ECMO 2)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUDIO (ECMO 2)
AUDIO (ECMO 3)
BAND ACTY PANEL (ECMO 2)
BDHI (#1 AND #2 NEEDLES/CONT SW) (ECMO 2)
BDHI (#1 AND #2 NEEDLES/CONT SW) (ECMO 3)
DDIC (ECMO 3)
ICS CONTROL PANEL (ECMO 2)
ICS CONTROL PANEL (ECMO 3)
JAMMER STATUS PANEL
POD PWR BOXES (5)
RADIO CONTROL PANEL (ECMO 2)
RADIO CONTROL PANEL (ECMO 3)
RECEIVER MONITOR (ECMO 2)
VIDEO (ECMO 2)
VIDEO (ECMO 3)
WARNING LIGHTS PANEL

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

BAND ACTY PANEL (ECMO 3)
INSTRUCTOR STATION AN KEYBOARD
INSTRUCTOR STATION CRTS #1 AND #2
INSTRUCTOR STATION FUNCTION KEYBOARD
INSTRUCTOR STATION LIGHT PEN
NAV COMPUTER - CCI/4PI COMPUTER
OBS/TJS MASTER PANEL
RECEIVER MONITOR (ECMO 3)
TACT MODE SYSTEM

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EA-6B TAC 15E22A (cont)

PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

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A-6E NCLT 2F122
TYPE EQUIPMENT CODE: VAEP

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

ANTI-SKID
AUXILIARY CYCLE GAUGE (BRAKE)
AUXILIARY HYDRAULIC PUMP BUTTON
BRAKE SELECTOR HANDLE
CABIN PRESSURE ALT GAUGE
CANOPY BOW PANEL
CRANK SWITCHES
ECM WARNING CONTROL PANEL
G-VALVE TEST BUTTON
IFF/SIF TRANSPONDER CONTROL
KY-25 CONTROL PANEL
NO. 1 UHF CONTROL PANEL ON/OFF BOTH/GUARD ADF
OPTICAL SIGHT
PILOT AUXILIARY INDICATOR PANEL
POWER TRIM INDICATORS
SIGHT UNIT CONTROL PANEL

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

EMERGENCY STORES JETTISON BUTTON
EMERGENCY JETTISON HANDLE (CANOPY)
FIRE WARNING LIGHTS (LEFT AND RIGHT)
LANDING GEAR OVERRIDE HANDLE
RAM AIR TURBINE HANDLE
SPIN RECOVERY SWITCH
TEMPERATURE WARNING LIGHT (AFT)
TEMPERATURE WARNING LIGHT (NWW)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in

A-6E NCLT 2F122 (cont)

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EMERGENCY FLAP SWITCH
MANUAL CANOPY HANDLE

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

LOW ALTITUDE WARNING LIGHT
MASTER CAUTION PANEL (B/N)
RADAR ALTIMETER
RADIO/ICS CONTROL PANEL (B/N)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

ACCELEROMETER (B-6)
ACLS CONTROL PANEL
AFCS OUT INDICATOR LIGHT
AIR CONDITIONING (COCKPIT)
AIR CONDITIONING CONTROL PANEL
ANGLE-OF-ATTACK INDICATOR
ANNUNCIATOR PANEL
APC
APC STANDBY INDICATOR LIGHT
APPROACH INDEXER
APPROACH INDEXER/HOOK LIFT PANEL
ARRESTING HOOK POS WARNING BYPASS SWITCH
AUDIO/BEARING
AUTOPILOT CONTROL PANEL (ALL FUNCTION SWITCHES)
BACK UP HYDRAULIC SYSTEM TEST SWITCH
BLEED AIR SWITCHES
BREATHING AIR
CABIN DUMP/MA-1/ADC PANEL
CANOPY SWITCH
CATAPULT GRIP
CLOCK
CO/WAVE OFF SWITCH
COMPASS CONTROL PANEL (MA-1)
CONTROL LOADING SYSTEM

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A-6E NCLT 2F122 (cont)

DISCRETE MESSAGE INDICATOR PANEL
ENGINE AND FUEL MASTER SWITCHES
ENGINE RPM INDICATORS
EVENT MARK/DISPLAY STORE
EXHAUST GAS TEMPERATURE INDICATORS
FLAP LEVER
FLAPERON POP-UP
FUEL FLOW INDICATORS
FUEL MANAGEMENT PANEL
FUEL QUANTITY GAUGE
GENERATOR SWITCHES
GRAPHICS SYSTEM/AN KEYBOARD
HOOK RELEASE HANDLE
HORIZONTAL SITUATION INDICATOR
HYDRAULIC PRESSURE INDICATORS
ILS RECEIVER CONTROL PANEL
INSTRUCTOR TO COCKPIT COMMUNICATIONS
INTEGRATED POSITION INDICATOR
INTERIOR LIGHTING (B/N)
LANDING GEAR HANDLE
MACH AIRSPEED INDICATOR
MASTER CAUTION LIGHT
MASTER LIGHT PANEL
MOTION SYSTEM
MASTER TEST PANEL
NO. 2 UHF CONTROL PANEL AUDIO GAIN FREQ SEL R/O
OIL PRESSURE INDICATORS
OVERRIDE COMMUNICATIONS
OXYGEN SWITCH
PARAMETER RECORD
PILOT CONTROL PANEL
PLAYBACK MODE
SERVOED BAROMETRIC ALTIMETER
SLIP/SKID INDICATOR
SPEED BRAKE TEST SWITCH
SPEED DRIVE SWITCHES
STABILIZER TRIM GAUGE
RADAR BEACON CONTROL PANEL AU/APU-154(U) ALL SYS
RADIO/ICS CONTROL PANEL
RATE-OF-CLIMB INDICATOR
RESET/SELECT-RESET MODE
RUDDER TRIM GAUGE
RUDDER TRIM SWITCH - VCI DIS/MON/DL SWITCH
RUDDER PEDAL ADJUST CONTROL
TACAN CONTROL PANEL AD/ARN-84(U) TACAN SUP SYS
THROTTLES

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THROTTLE FRICTION LEVER
UHF CHANNEL/FREQUENCY INDICATOR
VERTICAL DISPLAY INDICATOR/AOT
VERTICAL GYRO INDICATOR
VISUAL SYSTEM (PILOT, B/N AND INSTRUCTOR)
WAVE OFF INDICATOR
WHEELS WARNING LIGHT
WING FOLD PANEL
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

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A-7E WST 2F84B
TYPE EQUIPMENT CODE: VAFG

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

AUDIO CONTROL SYSTEM
IFF
MOTION BASE

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DCK-143
RADAR AGR (NOTE 1)
RADAR TA/TF (NOTE 1)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DECM (NOTE 2)
PECM (NOTE 2)
SHRIKE (NOTE 1)
SHRIKE/SIDS (NOTE 2)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

APC (NOTE 1)
ARA-63 (NOTE 1)
DATA LINK (NOTE 1)
PMDS (NOTE 1)

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A-7E WST 2F84B (cont)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACLS	(NOTE 2)
AUTOMATIC WEAPONS RELEASE	(NOTE 1)
DOPPLER	(NOTE 2)
HUD	(NOTE 1)
INITIAL CONDITIONS SET	(NOTE 2)
NWDC	(NOTE 2)
PMDS	(NOTE 2)
RADAR ALTIMETER	(NOTE 1)
RADAR GMP/GMS	(NOTE 1)
TACAN	(NOTE 2)
UHF/ADF/AUXILIARY COMMUNICATIONS	

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

HUD	(NOTE 2)
RADAR GMS/GMP	(NOTE 2)
WEAPONS RELEASE/SELECTION	(NOTE 2)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING	(NOTE 1)
AOA	(NOTE 1)
COMMUNICATIONS (CS)	(NOTE 1)
COMPUTER HARDWARE	(NOTE 1)
COMPUTER INTERFACING	(NOTE 1)
EXTERNAL POWER	(NOTE 1)
IMS	(NOTE 1)
INTERNAL POWER	(NOTE 1)
NWDC	(NOTE 1)
TACAN	(NOTE 1)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the

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A-7E WST 2F84B (cont)

simulator events contained in CNO/CMC approved AT&R curriculums.

PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 3)

(NOTE 3)

(NOTE 3)

NOTES:

1. COMNAVAIRPAC ONLY.
2. COMNAVAIRLANT ONLY.
3. AS APPLICABLE PER REFERENCE (C).

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A-7E NCLT 2F103
TYPE EQUIPMENT CODE: VAFJ

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

ADF/AUXILIARY UHV	(NOTE 1)
AFCS/HOLD MODES (ATT, NAV, PATH)	(NOTE 1)
ARA-63	(NOTE 1)
DATA LINK	(NOTE 1)
HUD	(NOTE 1)
MOTION BASE	(NOTE 1)
VSI	

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRCRAFT SOUND SYSTEM (LSO)	(NOTE 1)
COMMUNICATION (LSO TWO FUNCTIONAL HAND SETS)	(NOTE 1)
CROSSHAIRS AND MOVLAS SELECTOR SWITCHES (LSO)	(NOTE 1)
CRT (LSO RIGHT AND LEFT)	(NOTE 1)
DECK MOTION (UP AND DOWN) (LSO)	(NOTE 1)
INTERCOM BETWEEN INST AND LSO STATIONS (LSO)	(NOTE 1)
MOVLAS CONTROL AND REPEATER (LSO)	(NOTE 1)
PILOT/RD VIEW ON INST, CRT (LSO)	(NOTE 1)
STANDBY GYRO	(NOTE 1)
TWO FUNCTIONAL WAVE-OFF SWITCHES (LSO)	(NOTE 1)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

APC	(NOTE 2)
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Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in

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A-7E NCLT 2F103 (cont)

CNO/CMC approved AT&R curriculums.

TACAN

(NOTE 1)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRSPPEED MACH INDICATOR	(NOTE 1)
ADI	(NOTE 1)
AOA AND HUD	(NOTE 1)
BAROMETRIC ALTIMETER AND HUD	(NOTE 1)
HSI AND HUD	(NOTE 1)
RADAR ALTIMETER AND HUD	(NOTE 1)
VSI AND HUD	(NOTE 1)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING	(NOTE 2)
AIRCRAFT SOUND	(NOTE 2)
AIRSPPEED MACH INDICATOR	(NOTE 2)
ADI	(NOTE 2)
AFCS CONT AUG/STAB AUG	(NOTE 2)
AOA	(NOTE 2)
BAROMETRIC ALTIMETER	(NOTE 2)
COMMUNICATION	(NOTE 2)
COMPUTER HARDWARE	(NOTE 2)
EXTERNAL POWER	(NOTE 2)
HSI	(NOTE 2)
INTERNAL POWER	(NOTE 2)
NCLT VISUAL SYSTEM	(NOTE 2)
RADAR ALTIMETER	(NOTE 2)
RLSO VISUAL	(NOTE 2)
STANDBY GYRO	(NOTE 2)
TACAN	(NOTE 2)
UHF CONTROL BOX	(NOTE 2)
VSI	(NOTE 2)
PHASE/CALENDAR INSPECTION	(NOTE 3)
SPECIAL INSPECTION	(NOTE 3)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 3)
FACILITY AIR CONDITIONING AND UTILITIES	

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A-7E NCLT 2F103 (cont)

NOTES:

1. COMNAVIAIRLANT ONLY.
2. COMNAVIAIRPAC ONLY.
3. AS APPLICABLE PER REFERENCE (c).

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A-7E WST 2F111
TYPE EQUIPMENT CODE: VAFK

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

AUDIO CONTROL SYSTEM
IFF
MOTION BASE

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DCK-143
FLIR SYSTEM SIMULATION (NOTE 1)
RADAR TA/TF (NOTE 2)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

APC (NOTE 2)
ARA-63 (NOTE 2)
DATA LINK (NOTE 2)
DECM (NOTE 1)
PECM
SHRIKE/SIDS (NOTE 2)
RADAR AGR (NOTE 2)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

PMDS (NOTE 2)
RADAR GMS/GMP (NOTE 1)

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A-7E WST 2F111 (cont)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUTOMATIC WEAPONS RELEASE	(NOTE 2)
HUD	(NOTE 1)
RADAR ALTIMETER	(NOTE 2)
RADAR GMS/GMP	(NOTE 2)
WEAPONS RELEASE/SELECTION	(NOTE 1)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACLS	(NOTE 1)
DOPPLER	(NOTE 1)
INITIAL CONDITIONS SET	(NOTE 1)
NWDC	(NOTE 1)
PMDS	(NOTE 1)
TACAN	(NOTE 1)
UHF/ADF/AUXILIARY COMMUNICATIONS	(NOTE 1)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING	(NOTE 2)
AOA	(NOTE 2)
COMPUTER HARDWARE	(NOTE 2)
COMPUTER INTERFACING	(NOTE 2)
EXTERNAL POWER	(NOTE 2)
HUD	(NOTE 2)
ICS	(NOTE 2)
IMS	(NOTE 2)
INTERNAL POWER	(NOTE 2)
NINDC	(NOTE 2)
TACAN	(NOTE 2)
UHF/ADF/AUXILIARY COMMUNICATIONS	(NOTE 2)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the

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simulator events contained in CNO/CMC approved AT&R curriculums.

PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 3)

(NOTE 3)

(NOTE 3)

NOTES:

1. COMNAVAIRLANT ONLY.
2. COMNAVAIRPAC ONLY.
3. AS APPLICABLE PER REFERENCE (c).

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SCOPE INTERP TRAINER 15C4D
TYPE EQUIPMENT CODE: VDRH

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DISPLAY PROJECTORS
RADAR CONTROL BOX (INSTRUCTOR)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

MULTIPLE TARGETS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

ANTENNA POSITION COMPUTER
CCTV SYSTEM
COORDINATE POSITION COMPUTER
DATA DISPLAY CONVERTER
FREEZE/OPERATE SYSTEM
HEADING/ALTITUDE/AIRSPEED CONTROLS
LOCK-ON SYSTEM
MISSILE RELEASE COMPUTER
RADAR SCOPE
SYNCHRONIZER
TARGET AND/OR INTERCEPTOR
VIDEO COMPUTER
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

OPNAVINST 5442.4M

17 OCT 1990

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

E-2C TAC 15F8A
TYPE EQUIPMENT CODE: VEBJ

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

UHF (1 REQUIRED)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ALQ-108
AUDIO RECORD/PLAY
FOUR INST PIDS
KY-28
ONE REPEATER CIGS
THREE CIGS
TWO REPEATER CIGS

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

FULL UHF SIMULATION
KG-40
LINK-4
UHF RADIOS

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DTS
LINK-11
PDS

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E-2C TAC 15F8A (cont)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ICS
ONE INST PID
ONE INST PID (STUDENT)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

IFF TRACKING
LANDMASS
ONE UHF (STUDENT)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

IFF VIDEO
RADAR SET CONTROL
RADAR TRACKING

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACU
CP LOAD
ONE CIG (STUDENT)
OWNSHIP NAV SIMULATION
RADAR VIDEO
TARGET DYNAMICS

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

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E-2C TAC 15F8A (cont)

PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

17 OCT 1990

F-14A TAC 15C9A
TYPE EQUIPMENT CODE: VFUC

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ALE-39
ALQ-100
ALR-45/50 CONTROL
APX-72
APX-76
CLOCK
CMD STEERING BUTTONS
D/L CONTROL BOX
KY-28
STANDBY GYRO
UHF CONTROL BOX

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ECMD (R)
ICS BOX
TACAN BOX
THREAT ADVISORY LIGHTS

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CAUTION/ADVISORY PANEL

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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F-14A TAC 15C9A (cont)

ACM CONTROLS
CONTROL STICK
THROTTLE QUADRANT
VDI

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRSPPEED INDICATOR
AGD
ALTIMETER
BDHI
CURSOR CONTROL
DD AND ASSOCIATED CONTROLS
DDD
ECMD AND CONTROL
FUEL TOTAL
HCU AND ASSOCIATED CONTROLS
SENSOR CONTROL PANEL
TID (REPEATER)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AGD AND TID (R)
CAP
COMPUTER/PERIPHERALS
DATA SELECT CONTROLS
IAD TV
INSTRUCTOR CONTROLS
KEYBOARD PRINTER
RAPID ACCESS DISK
REPEATER LIGHTS
TID AND ASSOCIATED CONTROLS
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

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17 OCT 1990

F-14A TAC 15C9A (cont)

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

17 OCT 1990

F-14A OFT 2F95
TYPE EQUIPMENT CODE: VFUE

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COUPLED WITH 15C9A
ECM LIGHT LADDER
G-VALVE TEST BUTTON
TARGET DESIGNATE SWITCH
TRIGGER
VENT AIRFLOW RHEOSTAT

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ALR-45/50 SW TONE VOLUME CONTROL PANEL
ELEV LEAD CONTROL PANEL
GUN ROUNDS COUNTER
OXYGEN SWITCH
WEAPON SELECT SWITCH

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

G-METER
RADAR ALTIMETER
THROTTLE TEMPERATURE SWITCH
UHF 1 CONTROL PANEL
UHF 2 VOLUME CONTROL

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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F-14A OFT 2F95 (cont)

CLOCK
DATA LINK CONTROL LIGHTS
SEAM/CAGE PUSHBUTTON

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING CONTROL PANEL
ARA-63 CONTROL PANEL
COMPASS CONTROL PANEL
HORIZONTAL SITUATION DISPLAY
HYDRAULIC HANDPUMP LEVER
LIQUID OXYGEN INDICATOR
SPOILER FAILURE OVERRIDE PANEL
STANDBY GYRO
UHF INDICATORS

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRSTART CONTROL SWITCH
CABIN PRESSURE ALTIMETER
EXTERNAL ENVIRONMENT CONTROL PANEL
HEADS UP DISPLAY (HUD)
HYDRAULIC TRANSFER PUMP SWITCH
LAUNCH BAR ABORT PANEL
MAGNETIC COMPASS

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

BRAKE ACCUMULATOR INDICATOR
CANOPY JETTISON HANDLE
EMERGENCY FLIGHT HYDRAULIC SWITCH
EMERGENCY STORES JETTISON PUSHBUTTON
HOOK HANDLE
LIGHTS EXTERNAL MASTER SWITCH
MASTER GENERATOR CONTROL PANEL
PADDLE SWITCH

F-14A OFT 2F95 (cont)

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TURN AND SLIP INDICATOR
WINGSWEEP/REDUCE SPEED WARNING LIGHTS

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACM CONTROL PANEL
AIRSPEED INDICATOR
ALTIMETER
ANGLE-OF-ATTACK INDICATOR
ANTI-SKID SPOILER BK SWITCH
APPROACH INDEXERS
DISPLAY CONTROL KNOBS
FIRE LIGHTS
NWS PUSHBUTTON
PARKING BRAKE HANDLE
RIGHT FUEL SHUTOFF HANDLE
TACAN COMMAND PANEL
TACAN CONTROL PANEL
TACAN INDICATOR (BDHI)
UHF/ICS SWITCH
VERTICAL SPEED INDICATOR (VSI)
VITAL
WHEELS WARNING LIGHT LADDER
VERTICAL DISPLAY INDICATOR (VDI)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AFCS CONTROL PANEL
CANOPY CONTROL LEVER
CAUTION ADVISORY LIGHT PANEL
CIRCUIT BREAKER PANEL (LEFT AND RIGHT PILOT)
CONTROL SURFACE POSITION INDICATOR
CONTROL STICK
DISPLAYS CONTROL PANEL
DLC PUSHBUTTON
FLAP HANDLE
FUEL FLOW INDICATOR
FUEL MANAGEMENT PANEL

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F-14A OFT 2F95 (cont)

FUEL QUANTITY INDICATOR
HYDRAULIC PRESSURE INDICATOR
ICS CONTROL PANEL
INLET RAMPS SWITCHES
LANDING GEAR CONTROL PANEL
LEFT FUEL SHUTOFF HANDLE
MANEUVERING FLAP THUMBWHEEL
MASTER CAUTION LIGHT
MASTER LIGHT CONTROL PANEL
MASTER RESET PUSHBUTTON
MASTER TEST SWITCH
NOZZLE POSITION INDICATORS
OIL PRESSURE INDICATORS
PEDAL ADJUST HANDLE
RPM INDICATOR
RUDDER TRIM SWITCH
SPEED BRAKE SWITCH
THROTTLE LEVERS
TIT INDICATOR
TRIM SWITCH
WHEELS/FLAPS POSITION INDICATOR
WINGSWEEP INDICATOR
WINGSWEEP CONTROL HANDLE
WINGSWEEP CONTROL SWITCH
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

17 OCT 1990

F-14A WST 2F112
TYPE EQUIPMENT CODE: VFUF

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

EJECTION
OXYGEN
RADAR IR/TV CONTROL PANEL
WAWS/CRUISER

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACLS
INSTRUMENT LANDING SYSTEM

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ALE-39
ALQ-100
ALR-45 AND ANALYZER (INTERFACE)
ALR-50

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIR TO GROUND RANGING
ANTI-G SUIT
BLEED AIR
DEGRADED MODE ASSESSMENT (DMA)
FAULT DETECTION (FD)
FAULT ISOLATION (FI)

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F-14A WST 2F112 (cont)

IGNITION
JOYSTICK PANEL
OIL SYSTEM
START CONTROL
UHF RADIO
WAVS/SAM
WAVS/CARRIER

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

BI-DI PUMP
ECS
EMERGENCY GENERATOR
FIRE DETECTION
NOSE WHEEL STEERING
WHEEL BRAKE

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ALIGNMENT PROGRAMS IN WCS
AWG-15 ARMAMENT PANEL
COMMUNICATION/TRAINER CONTROL PANEL
ECMD CONTROL PANEL
ECMD INDICATOR
IFF TRANSPONDER (APX-720)
MULTIPLE DISPLAY INDICATOR PANEL (ECMP)
OBS
UHF DATA LINK
WAVS/AIRBORNE TARGETS LEVEL 2
WAVS/AIRBORNE TARGETS LEVEL 3
WAVS/AIRBORNE TARGETS LEVEL 4

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AICS
CONTINUOUS MONITOR (CM)
CRASH

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F-14A WST 2F112 (cont)

DATA LINK
FUEL SHUTOFF CONTROL
IFF INTERROGATOR (APX-76)
NORMAL AERODYNAMICS NOISE
NORMAL ENGINE NOISE
RADAR ALTIMETER
THROTTLE/APC
WAVS/AIRBORNE TARGETS LEVEL 1

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ANTENNA SCAN SIMULATION
AURAL CUES FOR STALL AND AERODYNAMIC BUFFET
AWG-9 WCS
BACK-UP
CAP
COCKPIT BUFFET DUE TO COMPRESSOR STALL AND AERODYNAMICS
DDD
DDD PANEL
EXTERNAL POWER, TRANSFORMER/RECTIFIER, MAIN BUS
FLAP/SLAT
FUEL FLOW (TRANSFER, DUMP, FEED)
FUEL MANAGEMENT (PUMPS, VALVES, CAUTION LIGHTS)
HAND CONTROL UNIT PANEL
LANDING GEAR/WOW
LIGHTING BREAKER AND BUS
LOWER LEVEL PANEL (RMP/TIT/FF/HSD/FEED TAPES)
MAIN BEAM CLUTTER IN PD MODE
MAIN GENERATORS
MAIN PUMPS
PD SEARCH AND PD MODES
PULSE COMPRESSION
RADAR COVERAGE OVER ENTIRE DEFINED AREA
RECEIVER GAIN
RECEIVER SENSITIVITY
SPEED BRAKE
SPOILER
TID CONTROL PANEL
WINGSWEEP/FLOVE VANE

Assign alpha character (K) of the EOC code when the following

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F-14A WST 2F112 (cont)

system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ALPHA NUMERIC KEYBOARD
ARMAMENT PANEL
AUTOPILOT FUNCTIONS
CANOPY
CADC
CONTROL SURFACE POSITION
CSDC
DIRECTIONAL
ENGINE
ENGINE CONTROL
ENGINE DYNAMICS
FLIGHT
FUEL CONTROL
FUNCTIONAL KEYBOARD
HSD INDICATOR
ICS
IMU
LATERAL
LONGITUDINAL
MDIG PROCESSOR
MIDDLE LEVEL PANEL (ACM AND VDI)
NAVIGATION CONTROL AND DATA READOUT PANEL
NOZZLES
PDCP
PULSE SEARCH
QUANTITY INDICATORS
REFUELING (ON GROUND AND IN FLIGHT)
ROLL, PITCH YAW, ARI
SERIES AND PARALLEL TRIM
SINGLE TARGET TRACK CAPABILITIES
TACAN, INS, AHRS
TANK QUANTITIES
THROTTLE CONTROL
THRUST
TIT
TRAINER SYSTEMS PANEL
VDIG CONVERTER
VID/HUD
WARNING PANEL
WAVS/SKY-EARTH

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F-14A WST 2F112 (cont)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

PHASE/CALENDAR INSPECTION	(NOTE 1)
SPECIAL INSPECTION	(NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 1)
FACILITY AIR CONDITIONING AND UTILITIES	

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

2E6 ACMS
TYPE EQUIPMENT CODE: VFUJ

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

F-14 PAL
F-4J/S VTAS
HARD COPY PRINT
INSTRUCTOR TRAINING MODE
IP STATION

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

F-18 MODELS
F-4J RUDDER SHAKER
F-4J/S MODELS
FLAP AND WING POSITION INDICATORS
REPLAY MODE

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DEMO MODE

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

BUFFET
F-14 COMPRESSOR STALL FUNCTION
F-14 ENGINE INSTRUMENTS
F-14 VSL

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2E6 ACMS (cont)

G-SEAT
THREAT 2 MODELS

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DEBRIEF SYSTEM
THREAT 1 MODELS
THREAT 3 MODELS

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

TARGET PROJECTORS (TWO PER DOME)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ATTITUDE INDICATOR
COCKPIT-TO-COCKPIT COMMUNICATION
INTEGRATED MODE

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

F-14 MODELS

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

F-4J/S GUNSIGHT
F-14 HUD
F-14 WINGSWEEP
MISSILE PROJECTOR
SEAM
SW TONE

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2E6 ACMS (cont)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

ADAGE
AIRSPEED/MACH INDICATOR
ALTIMETER
ANGLE-OF-ATTACK INDICATOR
ANTI-G SUIT
AURAL CLUES
CANOPY
COCKPIT AND INSTRUMENT LIGHTS
COCKPIT-TO-CONSOLE COMMUNICATIONS
DOME LIGHTING
EARTH-SKY PROJECTOR
FLAPS/SLATS/SPOILERS
FLIGHT CONTROLS
FRONT SEAT-TO-REAR SEAT COMMUNICATIONS
FUEL QUANTITY INDICATOR
G-DIMMING
GUARDRAIL INOPERABLE AND IN DOWN POSITION
KEYBOARD
LIGHT PENS
PLAN MODE
PLM
SPEED BRAKES
STABILITY AUGMETATION FUNCTIONS
TARGET PROJECTOR (ONE PER DOME)
THROTTLES
TRAINING MODE
WEAPON FIRING
WEAPON SCORING
WEAPON SELECTION
PHASE/CALENDAR INSPECTION (NOTE 1)
SPECIAL INSPECTION (NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 1)
FACILITY AIR CONDITIONING AND UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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FA-18 WTT 2E7
TYPE EQUIPMENT CODE: VFYA

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

COCKPIT INTERIOR LIGHTING
DEBRIEF STATION
ENGINE MONITOR DISPLAY
MOTION SYSTEM
SIMULATED FIRE DETECTION SYSTEM
SIMULATED LANDING SYSTEMS
SKY-EARTH VISUAL SYSTEM (1 OF 3)
TACAN SYSTEM AN/ARN-118

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

RADAR ALTIMETER
UP FRONT CONTROL (UFC)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

TARGET VISUAL SYSTEM (1 OF 2 PAIRS)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DEVICE INTEGRATED MODE
TARGET VISUAL SYSTEM (2 OF 2 PAIRS)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can

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FA-18 WTT 2E7 (cont)

complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AN/ARN-182 COMMUNICATION SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AN/AYK-14 MISSION COMPUTERS

CANOPY SYSTEM

COCKPIT AIR CONDITIONER

COCKPIT INSTRUMENTS

DEVICE AIRCRAFT SYSTEMS INTERFACE

DEVICE COMPUTERS

DEVICE COMPUTER CRT

DEVICE DISC DRIVES

DEVICE HYDRAULIC SYSTEM

DEVICE PNEUMATIC SYSTEM

DIGITAL DISPLAY INDICATORS (DDI)

FLIGHT CONTROL SYSTEM

HEAD UP DISPLAY (HUD)

HORIZONTAL SITUATION DISPLAY (HI)

IOS/COCKPIT INTERCOMMUNICATIONS

IOS INPUT DEVICES (PHOTOPEN/KEYPAD)

IOS OUTPUT DEVICES (2 OF 4 DISP)

SIMULATED ELECTRICAL SYSTEM

SIMULATED FUEL SYSTEM

SIMULATED HYDRAULIC SYSTEM

SIMULATED POWER PLANT SYSTEM

SKY-EARTH VISUAL SYSTEM (2 OF 3)

THROTTLE QUADRANT

WEAPONS SYSTEMS

PHASE/CALENDAR INSPECTION

(NOTE 1)

SPECIAL INSPECTION

(NOTE 1)

TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 1)

FACILITY AIR CONDITIONING AND UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

17 OCT 1990

F/A-18 OFT 2F132
TYPE EQUIPMENT CODE: VFYB

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

STORES JETTISON

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ARRESTMENT SYSTEM IOS VISUAL SYSTEM

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ADF

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

FIRE DETECTION/EXTINGUISH SYSTEM ICLS LANDING SYSTEM STANDBY FLIGHT INSTRUMENTS RADAR ALTIMETER TACAN

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

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F/A-18 OFT 2F132 (cont)

AIR CONDITIONING
AIR DATA COMPUTER SYSTEM
AN/AYK-14 MISSION COMPUTERS
CANOPY SYSTEM
CAUTION/ADVISORY SYSTEM
DEVICE COMPUTERS
DEVICE COMPUTER CRT #1
DEVICE DISC DRIVES
DEVICE ELECTRICAL POWER
DEVICE HYDRAULIC SYSTEM
DIGITAL DISPLAY INDICATORS
ELECTRICAL SYSTEM
ENGINE SYSTEM
FLIGHT CONTROL SYSTEM
FUEL SYSTEM
GENERATOR (400 HZ)
HEAD UP DISPLAY (HUD)
HORIZONTAL SITUATION DISPLAY
HYDRAULIC SYSTEM
INS
INTERIOR LIGHTING
IOS/COCKPIT INTERCOMMUNICATION
IOS DISPLAYS (1 OF 2 REQUIRED)
IOS HUD REPEATER
IOS INPUT DEVICES (PHOTOPEN/KYPD)
UP FRONT CONTROL (UFC)
VISUAL SYSTEM
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

F/A-18 RIT 15C13
TYPE EQUIPMENT CODE: VFYC

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

NOSE WHEEL STEERING SYSTEM
WHEEL BRAKE SYSTEM

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

UP FRONT CONTROL (UFC)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ANGLE-OF-ATTACK SYSTEM
FLIGHT CONTROL SYSTEM
RADAR DISPLAY SYSTEM
WEAPONS SYSTEM CONTROL (HOTAS)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AC/DC POWER DISTRIBUTION SYSTEM
DISC STORAGE SYSTEM
ELECTRONIC HORIZONTAL SITUATION INDICATOR
GENERATOR (400 HZ)
HEAD UP DISPLAY (HUD)
INS SYSTEM
INSTRUCTORS CONSOLE
MISSION COMPUTERS

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F/A-18 RIT 15C13 (cont)

MULTI PURPOSE DISPLAY GROUP
OPERATOR CONTROL CONSOLE
REAL TIME INTERFACE SYSTEM
REGIONAL PROCESSING UNITS
RTI "A" CARD
SYSTEM SIMULATION POWER
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

SH-2F OFT 2F106
TYPE EQUIPMENT CODE: VHBA

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

MAGNETIC TAPE UNIT
UHF RADIO (ARC-159) (1 MINIMUM)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DIRECTION FINDER (ARA-25) (UHF/DF)
KY-28 SECURE UHF SYSTEM

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

BLADE TRACKING SYSTEM
RADIO NAVIGATION (TACAN) SYSTEM (ARN-52)
ROTOR BRAKE SYSTEM

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CLOCKS
MK 25 SMOKE SYSTEM
VISUAL QUARTER WINDOW
VISUAL SIDE WINDOW

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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SH-2F OFT 2F106 (cont)

APX-72 TRANSPONDER IFF MODE 2,3,C
AUDIO SIMULATION SYSTEM
COUPLED MODE
CRT TERMINAL (BEEHIVE) (1 MINIMUM)
ENGINE INDICATING INSTRUMENTS
FIRE WARNING LIGHTS
LANDING GEAR SYSTEM
MOTION SYSTEM
ON TOP POSITION INDICATOR (R-1047/A)
RADIO ALTIMETER WARNING SYSTEM
SONOBUOY LAUNCHER SYSTEM
TRANSMISSION INDICATING INSTRUMENTS
VISUAL PILOT WINDOW
WARNING/CAUTION LIGHT SYSTEM
WHEEL BRAKE SYSTEM

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

APN-182 DOPPLER
ASN-123 TACNAV
AUXILIARY TANK/WEAPONS CONTROL SYSTEM
ESM RECEIVING SET (ALR-66)
FUEL INDICATING SYSTEM
FUEL TRANSFER SYSTEM
INSTRUCTOR CONSOLE CONTROLS (TSD)
KRATOS PRINTER
REMOTE ATTITUDE INDICATOR (1 MINIMUM)
TURN AND SLIP INDICATOR (1 MINIMUM)
VERTICAL SPEED INDICATOR (1 MINIMUM)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AAU-24/21 ALTIMETERS (1 MINIMUM)
INSTRUCTOR CONSOLE (ONBOARD)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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SH-2F OFT 2F106 (cont)

AIRSPED INDICATORS (1 MINIMUM)
RADAR ALTIMETER (APN-171) (1 MINIMUM)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

VISUAL COPILOT WINDOW
VISUAL SYSTEM VARIAN COMPUTER

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACFT ELECT SYSTEM/GENS/BATTERY
ACFT HYDRAULIC BOOST
AUTO STABILIZATION EQUIPMENT (ASE)
HEADING IND SYSTEM (RMI, BDHI, COMP)
ICS
LIGHTING SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING
DISK DRIVE
ENGINE CONTROL SYSTEM
FLIGHT CONTROLS
GRAPHICS DISPLAY
HARRIS COMPUTER
PHASE/CALENDAR INSPECTION (NOTE 1)
SPECIAL INSPECTION (NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 1)
FACILITY AIR CONDITIONING AND UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

SH-2F TAC 2F106
TYPE EQUIPMENT CODE: VHBB

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

INSTRUCTOR CONSOLE CNTRLS (WST MODE)
KY-28 SECURE UHF SYSTEM
UHF RADIO (ARC-159) (1 MINIMUM)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

MK-25 MARINE MARKER SYSTEM

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ASR-35 TELETYPE
SONOBUOY LAUNCHER SYSTEM

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUDIO SIMULATION SYSTEM
COUPLED MODE
MAD RECORDER (RO-32)
MAGNETIC DETECTING SYSTEM (ASQ-81)
RADAR SIMULATION

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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SH-2F TAC 2F106 (cont)

ARR-52 RADIO RECEIVER SET
ASA-26 RECORDER SYSTEM
CLOCKS
TELEMETRY SYSTEM (AKT-22)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

KRATOS PRINTER
LN-66 HP RADAR SET

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

TACNAV PANEL AN/ARR-75

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACFT ELECTRICAL SYSTEM/GENS/BATTERY
INTERCOM SYSTEM (ICS)
LIGHTING SYSTEM (INTERNAL)
SENSOR SIMULATION SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

DISC DRIVE
FLIGHT CONTROLS
GRAPHICS DISPLAY SYSTEM
HARRIS COMPUTER
INSTRUCTOR CONSOLE (TSD)
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

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SH-2F TAC 2F106 (cont)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

SH-3H OFT 2F64C
TYPE EQUIPMENT CODE: VHCL

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

CARGO SLING CONTROL PANEL
CHANNEL MONITOR TEST SWITCH
COCKPIT GRIMES LIGHT
CRUISE GUIDE INSTRUMENTS
HOIST UP/DOWN SWITCH
ICS, ON BOARD OBSERVER
MAGNETIC COMPASS LIGHT
RADIO MAGNETIC INDICATOR
SPOTLIGHT MOVABLE POSITION SWITCH
WINDSHIELD WIPER CONTROL

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ENGINE OVERSPEED OVERRIDE SWITCH 2

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ENGINE OVERSPEED TEST SWITCH 2
START FUEL BUTTON COPILOT

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COMMAND INSTRUCTOR CRT
DICASS/COMM SWITCH
DISPLAY HARDCOPY PRINTER

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SH-3H OFT 2F64C (cont)

HF RADIO
INTEGRATED MODE
KY-28
LONG/SHORT SWITCH
PILOT BAROMETRIC ALTIMETER
PILOT CYCLIC AND/OR COLLECTIVE
RUDDER PEDALS (COPILOT)
SEAT AND/OR ADJUSTMENT (COPILOT)
SONAR BEARING REPEATER
SONAR ICS SWITCH
UHF #2
UHF ANTENNA SELECT SWITCH
VISUAL COPILOT FRONT
VISUAL COPILOT QUARTER

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

PRI/AUX HYDRAULIC SWITCH

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUTOMATIC ROTOR BRAKE
CHECKRIDE MODE
ENGINE ANTI-ICE SWITCHES
EXERCISE MODE
FLOOD/HOVER LIGHT SWITCH
OUTSIDE AIR TEMPERATURE GAUGE
RECORD AUDIO MODE
RIGHT FRONT STORES SELECT SWITCH
SPOTLIGHT SWITCH
VISUAL, CHIN

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

STORES RELEASE BUTTON (BOTH PILOT AND COPILOT)

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SH-3H OFT 2F64C (cont)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- ADF RADIO
- CHAFF SYSTEM
- COMPASS CONTROLLER PANEL
- DCU-77A PANEL
- EMERGENCY START SWITCHES
- OPTI
- SMOKE MARKER RELEASE PANEL
- SONOBUOY LAUNCHER PANEL
- START MODE PANEL
- TACAN SYSTEM
- TORPEDO PRESETTER PANEL

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- A-MODE INDICATOR (PILOT AND COPILOT)
- ASE DISENGAGE BUTTONS
- ASE YAW DISENGAGE MICROSWITCHES
- AUDIO SYSTEM
- AUXILIARY FLOTATION GEAR CONTROL PANEL
- BATTERY SWITCH
- BDHI
- BLADE FOLD PANEL
- CABIN LIGHT SWITCH
- CAUTION PANEL
- COPILOT BAROMETRIC ALTIMETER
- C-MODE INDICATOR
- CDI
- CHANNEL MONITOR CONTROL PANEL
- CLOCK (COPILOT)
- COCKPIT LIGHT SWITCH
- COLLECTIVE FRICTION
- COMPUTER/TACAN SELECT SWITCHES
- COUPLER DISENGAGE SWITCHES
- CROSSFEED VALVE
- D-MODE INDICATOR
- DEMO MODE

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SH-3H OFT 2F64C (cont)

DOPPLER CONTROL PANEL
ENGINE IGNITION SWITCHES
ENGINE MANUAL THROTTLES
ENGINE OVERSPEED OVERRIDE SWITCH #1
ENGINE OVERSPEED TEST SWITCH #1
ENGINE STARTER SYSTEM
ENGINE T-HANDLES
FIRE EXTINGUISHER SWITCH
FIRE WARNING LIGHTS (TEST/FUNCTION)
FUEL DUMP SWITCHES
FUEL MANAGEMENT PANEL SYSTEM
FUEL QUANTITY GAUGES AND TEST FUNCTION
FUEL START BUTTON (PILOT)
GENERATOR SWITCHES
GSDA
HYDRAULIC PRESS GAUGE
ICS CONTROL PANEL AND FOOT SWITCHES
LANDING GEAR SYSTEM
MAGNETIC COMPASS
MANUAL ROTOR BRAKE AND GAUGE
MASTER CAUTION LIGHT (PILOT)
METER SELECTOR SWITCH
MOTION SYSTEM (RAMP INCLUDED)
NAV/COMM MIXER SWITCHES
PARKING AND/OR WHEEL BRAKES
PILOT AIRSPEED INDICATOR
PLAYBACK MODE
PMS DISABLE BUTTONS
RADAR ALTIMETER (COPILOT)
RADIO CONTROL PANEL
RAWS TEST
TACAN/TACNAV AZIMUTH NEEDLES
TAIL WHEEL LOCKING HANDLE
TORQUE GAUGE (COPILOT)
TRACK NEEDLES (DOPPLER)
TRANSMISSION OIL GAUGES
TRIPLE TACH (COPILOT)
TURN RATE SWITCH (COPILOT)
UHF #1
VERTICAL GYRO SWITCH
VISUAL PILOT FRONT
VISUAL PILOT QUARTER
VISUAL PILOT SIDE
VISUAL SYSTEM (DISK AND COMPUTER)
VGI (NEEDLE/BALL INCLUDED) (PILOT/COPILOT)
VSI (COPILOT)

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SH-3H OFT 2F64C (cont)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- CLOCK (PILOT)
- DME INDICATOR
- INSTRUCTOR AND/OR MAINTENANCE ICS
- JETTISON PANEL
- LANDING GEAR INTERLOCKS
- MASTER CAUTION LIGHT (COPILOT)
- RADAR ALTIMETER (PILOT)
- RAWS (LIGHT/AUDIO)
- TACAN SYSTEM
- VSI (PILOT)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

- ACCESSORY DRIVE SWITCH
- ADVISORY PANEL
- AIR CONDITIONER (COCKPIT)
- AIRSPED INDICATOR (PILOT)
- ASE CONTROL PANEL
- BAROMETRIC ALTIMETER RELEASE BUTTONS
- COLLECTIVE AND/OR CYCLIC (PILOT)
- COMPUTER (HARRIS CPU AND/OR 40MB DISK)
- CONTROL LOADING
- DEVICE HYDRAULIC SYSTEM
- DEVICE POWER DISTRIBUTION SYSTEM
- ENGINE FIREWALL VALVES
- ENGINE INSTRUMENTS (ALL FOR BOTH)
- ENGINE SPEED SELECTORS
- I/O SYSTEM, COMPUTER AND ON-BOARD CRT
- RUDDER PEDALS (ADJUST INCLUDED) (PILOT)
- SEAT AND/OR ADJUSTMENT (PILOT)
- SIMULATED ELECTRICAL SYSTEM
- TORQUE GAUGE (PILOT)
- TRIPLE TACH (PILOT)
- VGI (NEEDLE/BALL INCLUDED) (PILOT)

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SH-3H OFT 2F64C (cont)

PHASE/CALENDAR INSPECTION

(NOTE 1)

SPECIAL INSPECTION

(NOTE 1)

TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 1)

FACILITY AIR CONDITIONING AND UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

SH-3H TAC 2F64C
TYPE EQUIPMENT CODE: VHCQ

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

CABIN DOME LIGHT
FLEXIBLE LIGHT
GRIMES LIGHT
PANEL LIGHTS

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COMMAND INSTRUCTOR DISPLAY
DISPLAY HARD COPY PRINTER
INTEGRATED MODE

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

MAD AMPLIFIER POWER SUPPLY/CONTROL
MAD DETECTING SET CONTROL PANEL
MAD REELING MACHINE CONTROL PANEL

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

SONAR TX/MULTIPLEXER

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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SH-3H TAC 2F64C (cont)

SONAR AUXILIARY HOIST CONTROL PANEL
SONAR CABLE ANGLE CONTROL PANEL
SONAR DOME CONTROL PANEL
SONAR REELING MACHINE

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CLOCK
RO-358/MULTIPURPOSE RECORDER
SONAR TX POWER SUPPLY/INDICATOR
TACNAV SENSOR PANEL

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

ACOUSTIC SIMULATION CABINETS
AUDIO SELECTOR PANEL
AZIMUTH AND RANGE INDICATOR
COMPUTER I/O SYSTEMS
DEC PDP 11/44 CPU AND RL02 DISK
DEVICE POWER DISTRIBUTION SYSTEM
HARRIS COMPUTER AND 40MB DISK
ICS MASTER CONTROL PANEL
INSTRUCTOR CONSOLE AND DISPLAY
SDC CONTROL PANEL
SDC SONAR SELECTOR PANEL
SIMULATED ELECTRICAL SYSTEM
SONAR CABINET SIMULATION EQUIPMENT
SONAR ICS ISOLATION SELECTOR
SONAR INSTRUCTOR DISPLAY
SONAR RX CONTROL PANEL
SONAR RX FREQ SEL AND INVERTER PANEL
SONAR TX CONTROL/INDICATOR PANEL
SPECIAL INSPECTION
PHASE/CALENDAR INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

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SH-3H TAC 2F64C (cont)

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

17 OCT 1990

SH-3H TTT 14H8
TYPE EQUIPMENT CODE: VHCS

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

AUDIO RECORDER (INSTRUCTOR COMMAND CONSOLE)
CLOCK (COPILOT)
CLOSED CIRCUIT TV SYSTEM
COMMUNICATIONS (INSTRUCTOR TALK)
COMMUNICATIONS (UHF-2)
HEADSET (OBSERVER)
RF STORES RELEASE

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COMMUNICATIONS (TALK ALL)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DCU-77A CONTROL PANEL

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

SONAR RANGE AND BEARING INDICATOR

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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SH-3H TTT 14H8 (cont)

DICASS/COMM SWITCH

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

HEADSET (COMMAND CONSOLE)
HEADSET (INSTRUCTOR CONSOLE)
INTERGRATED MODE
SMOKE LAUNCHER

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COMMUNICATIONS (UHF-1)
JETTISON CONTROL PANEL
OTPI/HOVER PANEL
WEAPONS RELEASE BUTTON (COPILOT)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ASN-123C DISPLAY
ASN-123C PROCESSOR
ASN-123C TACCO PANEL
COMMUNICATION MONITORING (STUDENT STATION)
COMMUNICATIONS (ICS)
COUPLER CONTROL
HEADSEAT (SENSOR CONSOLE)
SONOBUOY LAUNCHER CONTROL PANEL
TORPEDO PRESETTER PANEL
UHF SELECT PANEL
WEAPONS RELEASE BUTTON (PILOT)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the

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AIRSPEED INDICATOR
ALTITUDE CONTROL
ASN-123 SENSO PANEL
BDHI (PILOT/COPILOT)
CLOCK (PILOT)
COMMAND CONSOLE MOUSE/JOYSTICK
COURSE INDICATOR (RMI)
DISC DRIVE (RA-80, RA-81, RL-02)
FLIGHT CONTROL (PILOT/COPILOT)
FLOPPY DISC
GROUNDSPEED/DRIFT INDICATOR
HEADSET (PILOT/COPILOT)
INSTRUCTOR CONSOLE KEYBOARD
INSTRUCTOR CONSOLE MONITOR
INSTRUCTOR CONSOLE MOUSE/JOYSTICK
LA-120 PRINTER
MEGATEK DISPLAY GENERATOR
MEGATEK PROCESSOR
MONITOR (STUDENT STATION)
RADAR ALTIMETER
SENSOR CONSOLE KEYBOARD
STORES LOAD PANEL
TACAN
VAX 11/750 COMPUTER
VT240 TERMINAL
PHASE/CALENDAR INSPECTION (NOTE 1)
SPECIAL INSPECTION (NOTE 1)
TECHNCIAL DIRECTIVE COMPLIANCE (NOTE 1)
FACILITY AIR CONDITIONING AND UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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CH-46D OFT 2F117B
TYPE EQUIPMENT CODE: VHRH

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

APX-72 TRANSPONDER
CLOCK
CRUISE GUIDE INDICATOR
HF COMMUNICATIONS
ICS (MAINTENANCE AND TRAINING)
MAINTENANCE MONITORS
POWER MANAGEMENT SYSTEM
PRINTER/PLOTTER UNIT
RECORD/PLAYBACK UNIT
SOUND SYSTEM
TOE BRAKES
UHF

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

FUEL QUANTITY INDICATORS

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

BLADE FOLD AND ROTOR POSITIONING
DOPPLER SYSTEM AND INDICATORS
HOVER COUPLER CONTROLS
LF/ADF
LIGHTING (INSTRUCTOR DOME)
SPEED TRIM SYSTEM
UHF/ADF
VHF/FM
VISUAL AMBIENT LIGHT BOXES

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CH-46D OFT 2F117B (cont)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ALTITUDE HOLD
NAVIGATION INSTRUMENTS
PARKING BRAKE
ROTOR BRAKE SYSTEM
STANDBY COMPASS
TACAN

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CSM (COPILOT)
CSM (PILOT)
VISUAL COLDHAT SYSTEM

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COCKPIT AND INSTRUMENT LIGHTING
FIRE DETECTION/EXTINGUISHING SYSTEM
HYDRAULIC INSTRUMENTS

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ATS

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUXILIARY POWER PLANT
COCKPIT AIR CONDITIONER
FLIGHT INSTRUMENTS
MOTION SYSTEM AND TRAINER RAMP

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RADAR ALTIMETER
SAS
VISUAL CHANNEL 0
VISUAL CHANNEL 1
VISUAL CHANNEL 2
VISUAL CHANNEL 3
VISUAL CHANNEL 4
VISUAL IMAGE GENERATOR

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

COMPUTER CPU
COMPUTER DISC STORAGE UNIT
COMPUTER I/O SYSTEM
COMPUTER KVDT
CONTROL LOADING
ENGINE TRANSMISSION AND INSTRUMENTS
GENERATORS AND ELECTRICAL SYSTEM
INSTRUCTOR CONSOLE AND DISPLAY
MASTER CAUTION UNIT
ON-BOARD I/O SYSTEM
POWER DISTRIBUTION SYSTEM
SPECIAL INSPECTION
PHASE/CALENDAR INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

SH-60B OFT 2F135
TYPE EQUIPMENT CODE: VH2B

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

BLADE DE-ICE CONTROL PANEL
BLADE DE-ICE TEST CONTROL PANEL
CREW HOVER TRIM SWITCH
ICS CALL SWITCH (PILOT)
SEARCH LIGHT

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

C/P CNTGY PWR SWITCH
C/P CLOCK
C/P DEPART HOVER BUTTON
C/P GUARDED EMERGENCY RELEASE BUTTON
C/P ICS CALL BUTTON
C/P SEARCH LIGHT SWITCH
CARGO HOOK CONTROL PANEL
CARGO RELEASE PUSHBUTTON (PILOT)
GUARDED EMERGENCY RELEASE BUTTON
RAST CONTROL PANEL IOS
RAST EMERGENCY RELEASE HANDLE

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

BLADE FOLD CONTROLS
DEPART HOVER SWITCH (PILOT)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in

SH-60B OFT 2F135 (cont)

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CNO/CMC approved AT&R curriculums.

ARMAMENT CONTROL PANEL
MULTI-PURPOSE DISPLAY
WEAPON SYSTEM JUNCTION ASSEMBLY

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

C/P 3WAY SERVO SWITCH
C/P AIRSPEED INDICATOR
C/P ALTIMETER RELEASE SWITCH
C/P ATTITUDE INDICATOR
C/P BAROMETRIC ALTIMETER
C/P COMPASS CONTROLLER PANEL
C/P LIGHTING CONTROL
C/P RPM INDICATOR
C/P STICK TRIM SWITCH
C/P TRG INDICATOR
C/P TRIM RELEASE
C/P VSI INDICATOR
PLAYBACK MODE
SEAT CONTROL (COPILOT)
TPS MODE

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CHIN WINDOW (PILOT)
ECS CONTROL PANEL
FREE AIR TEMPERATURE INDICATOR

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

C/P ICS/RADIO TRIGGER BUTTON
FLOTATION CONTROL PANEL
INSTRUCTOR STATION RIGHT DISPLAY

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SH-60B OFT 2F135 (cont)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- ATO CIRCUIT BREAKER PANEL
- C/P ADI/HSI MODE SELECT
- C/P RADAR ALTIMETER
- CENTER CIRCUIT BREAKER PANEL
- PARKING BRAKE (PILOT)
- RADIO CONTROL PANEL (PILOT)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- ALTIMETER RELEASE SWITCH (PILOT)
- C/P BDHI
- C/P FRONT WINDOW
- C/P SIDE WINDOW
- CLOCK (PILOT)
- CNTGY POWER SWITCH (PILOT)
- COLLECTIVE (COPILOT)
- CYCLIC (COPILOT)
- FRONT WINDOW (PILOT)
- HDG TRIM SWITCH (PILOT)
- IFF CONTROL PANEL
- MISSION SYSTEM CONTROL PANEL
- MODE SELECT PANEL (PILOT)
- MOTION SYSTEM
- QUARTER WINDOW (PILOT)
- RUDDER ADJUST/HANDLE (COPILOT)
- SAS-2
- SIDE WINDOW (PILOT)
- TACAN CONTROL PANEL
- VISUAL COMPUTER V-76
- VSI (PILOT)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

- 1,2 ENGINE OIL PRESSURE INDICATOR

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1,2 ENGINE OIL TEMPERATURE INDICATOR
 1,2 NG INDICATOR
 1,2 RPM INDICATOR (PILOT)
 1,2 TGT TEMP INDICATOR
 1,2 TRG INDICATOR (PILOT)
 3WAY SERVO SWITCH (PILOT)
 AFCS CONTROL PANEL
 AIRSPEED INDICATOR (PILOT)
 APU CONTROLS
 ATTITUDE INDICATOR (PILOT)
 BAROMETRIC ALTITUDE (PILOT)
 BDHI (PILOT)
 C/P ICS CONTROL PANEL
 C/P RADIO CONTROL PANEL
 COMMUNICATIONS CONTROL PANEL
 COMPASS CONTROLLER PANEL (PILOT)
 CONTROL INDICATOR (AN/ASG-164)
 DISC DRIVES
 EMERGENCY PANEL
 GRAPHICS DISPLAY CONTROL
 ICS CONTROL PANEL (PILOT)
 ICS/RADIO TRANSMIT SWITCH
 LIGHTING CONTROL (PILOT)
 MISCELLANEOUS SWITCH CONTROL PANEL
 MODE SELECT ADI/HSI (PILOT)
 ON BOARD AIR CONDITIONING
 RADAR ALTIMETER (PILOT)
 RADAR ALTIMETER WARNING SYSTEM
 ROTOR BRAKE
 SDBA
 SEAT SHAKER (PILOT)
 SEL COMPUTERS
 STABILATOR CONTROL PANEL
 STABILATOR POSITION INDICATOR
 TRIM RELEASE BUTTON (PILOT)
 UHF RADIO CONTROL PANEL
 PHASE/CALENDAR INSPECTION (NOTE 1)
 SPECIAL INSPECTION (NOTE 1)
 TECHNICAL DIRECTIVE COMPLIANCE (NOTE 1)
 FACILITY AIR CONDITIONING/UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

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SH-60B WTT 14B51
TYPE EQUIPMENT CODE: VH2C

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AURAL SOUNDS (ENGINES) SIMULATION
COCKPIT SOUND

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ICS CONTROL OBSERVER
RADIO CONTROL OBSERVER
RSC OBSERVER

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACOUSTIC TAPE PLAYER
RAST CONTROL PANEL

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COMMUNICATION CONTROL PANEL (LEFT)
EXERCISE CONTROL PANEL (LEFT)
MODE/SYMBOL CONTROL PANEL (LEFT)
REMOTE PROBLEM CONTROL PANEL (ATO)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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SH-60B WTT 14B51 (cont)

CAUTION ADVISORY PANEL
COMMUNICATION CONTROL PANEL (RIGHT)
CONTROL INDICATOR (ATO)
REMOTE PROBLEM CONTROL (SO)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

BDHI
CONVERTER DISPLAY (ATO)
CONVERTER DISPLAY (RIGHT INSTRUCTOR)
EXERCISE CONTROL PANEL (RIGHT)
ICS CONTROL (ATO)
LIGHTING CONTROL (ATO)
MODE SELECT PANEL (ATO)
PROBLEM CONTROL PANEL (LEFT)
PROBLEM CONTROL PANEL (RIGHT)
RADIO CONTROL (ATO FOOT)
RSC (ATO)
TACAN CONTROL PANEL
TRACKBALL INTERFACE (LEFT)
UHF CONTROL SET

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CONVERTER DISPLAY (LEFT INSTRUCTOR)
INSTRUCTOR CONTROL (LEFT)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DETECTING SET CONTROL PANEL
ICS CONTROL (SO FOOT)
RADIO CONTROL (SO FOOT)
TRACKBALL INTERFACE (RIGHT)

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SH-60B WTT 14B51 (cont)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- ACP (CV-3519/ASC)
- ARMAMENT CONTROL INDICATOR
- CLOCK
- CONTROL INDICATOR (SO)
- CONTROL MONITOR
- CONVERTER DISPLAY (SO)
- INSTRUCTOR CONTROL (RIGHT)
- MAD AMP P.S. PANEL
- MISSION SYSTEM CONTROL PANEL
- RADAR TARGET GENERATOR
- REELING MACHINE CONTROL
- RSC (SO)
- SDC CONTROL

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

- ACOUSTIC SIGNAL GENERATOR
- ADS (UYS-1)
- AI (ID-2178/ASQ)
- ALTIMETER (ID-2206/APN-194(V))
- CMUX
- CMUX AMPLIFIER
- CSCG CONTROL INDICATOR
- DDC-1
- MISCELLANEOUS SWITCH PANEL (GENERAL CONTROLS)
- MTMU-1
- SEL COMPUTERS
- SENSOR SUBSYSTEM INTERFACE UNIT
- SIMULATION DATA BUSS ADAPTER
- WEAPON SYSTEM JUNCTION BOX
- PHASE/CALENDAR INSPECTION (NOTE 1)
- SPECIAL INSPECTION (NOTE 1)
- TECHNICAL DIRECTIVE COMPLIANCE (NOTE 1)
- FACILITY AIR CONDITIONING AND UTILITIES

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SH-60B WTT 14B51 (cont)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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COMM/NAV 1D23
TYPE EQUIPMENT CODE: VNAC

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUDIO RECORDER
CURSOR
FUEL FLOW
INERTIAL DOPPLER
NAV MODE AND DATA ENTRY
PERFORMANCE ALARM
RADAR CONTROL PANEL
RADAR PROCESSOR
RADAR SCOPE
REPEATER SCOPE (INSTRUCTOR)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

TRAINEE STATION

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DISPLAY UNIT
RDU/BDU
TDO DATA ENTRY PANEL
TRAINEE COMPUTER

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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COMM/NAV 1D23 (cont)

COMM UNIT
DATA ENTRY PANEK (INSTRUCTOR)
DBIU
DISPLAY CONTROLLER
DISK DRIVE
DISK PACK
DISPLAY COMPUTER
DRUM MEMORY
I/O COMPUTER
MCA BUS
PERIPHERAL SWITCH
TELETYPE
TRAINEE STATION POWER

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

LINE PRINTER	(NOTE 1)
PHASE/CALENDAR INSPECTION	(NOTE 1)
SPECIAL INSPECTION	(NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 1)
FACILITY AIR CONDITIONING AND UTILITIES	

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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P-3C WST 2F87
TYPE EQUIPMENT CODE: VPBF

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

NAV/COM - C-9095/UYQ-8 SET AD CONTROL INDICATOR
SS-1/2 - C-9094/UYQ-8 SET AD CONVERTER CONTROL

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

NAV/COM - C-10359/A IACS CONTROL DISPLAY GENERATOR

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

NAV/COM - OVERHEAD FLOODLIGHT

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

TACCO - C-9574/AWG-19(V) HAC LCS CONTROL PANEL

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

MISC - TARGET 3 PASSIVE ACOUSTICS
MISC - TARGET 3 ACTIVE ACOUSTICS
MISC - TARGET 3 RADAR
MISC - TARGET 1 MAD
MISC - TARGET 2 MAD

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P-3C WST 2F87 (cont)

MISC - TARGET 3 MAD
 MISC - TARGET 1 IFF
 MISC - TARGET 2 IFF
 MISC - TARGET 3 IFF
 NAV/COM - ARN-81 LORAN
 NAV/COM INST - VIDEO HARD COPY
 SS-3 - 7959/PAX-76A(V) IFF CONTROL PANEL
 SS-3 - C-7718/ASA-65 MAG COMPENSATOR CONTROL
 SS-3 - A327 AUXILIARY CONTROL PANEL
 SS-3 - C-7693/ASA-71 MAD SELECTOR CONTROL PANEL
 SS-3 - RO-32/ASQ MAGNETIC DISTORTION RECORDER
 SS-3 - C-9086/ASQ-8(V) MAGNETIC DETECT SET CONTROL
 SS-3 - LANDMASS

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

MISC - TARGET 1 ACTIVE ACOUSTICS
 MISC - TARGET 2 ACTIVE ACOUSTICS
 MISC - TARGET 1 RADAR
 MISC - TARGET 2 RADAR
 NAV/COM - A321 GENERAL LIGHT CONTROL PANEL
 NAV/COM - ACQ-5 CONTROL AND MONITOR PANEL
 NAV/COM - BT RECORDER
 NAV/COM - BARO ALTIMETER
 NAV/COM INST - DATA LINK MANAGEMENT CONSOLE
 SS-1/2 - ACOUSTIC SENSOR SIG GENERATOR (ASSG)
 SS-1/2 - A367 TAPE MONITOR PANEL
 SS-3 - C-755/ASA-69 RADAR SCAN CONVERTER SET CONTROL
 SS-3 - FWD C-7512/APS-115 RADAR SET CONTROL BOX
 SS-3 - AFT C-7512/APS-115 RADAR SET CONTROL BOX
 SS-3 - ANTENNA CONTROL ASSY AN/APS-115 STN

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

NAV/COM - C-8242/AIC-22(V) ICS MASTER CONTROL BOX
 NAV/COM - A309 HORIZONTAL SITUATION IND/CONTROL PANEL
 NAV/COM - D-1540/A HORIZONTAL SITUATION IND/AMPLIFIER
 NAV/COM - C-7791/ARC-143 RADIO SET CONTROL PANEL
 NAV/COM - HF1 C-9245/ARC-161 HF RADIO SET CONTROL
 NAV/COM - HF2 C-9245/ARC-161 HF RADIO SET CONTROL

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P-3C WST 2F87 (cont)

- NAV/COM - COMM SELECTOR PANEL
- NAV/COM - IP-919/ASA-70 AUXILIARY READOUT DISPLAY (ARO)
- NAV/COM - TT-567/AGC-6 TELEPRINTER
- NAV/COM - TT-568/AGC-6 KEYBOARD TRANSMITTER
- NAV/COM - AM-3364/AIC-22(V) JACK BOX
- NAV/COM - AM-3365/AIC-22(V) SPEAKER
- NAV/COM INST - PCM DISPLAY AND KEYBOARD
- NAV/COM INST - ICS PANEL
- NAV/COM INST - AM3364/AIC-22(V) JACK BOX
- NAV/COM INST - COM SELECTOR MODIFIED
- SS-1 - C7617/ARR-72(V) CONTROL INDICATOR (4 EA)
- SS-1 - C10760/AQA-7(V) DICASS CONTROL
- SS-2 - C10760/AQA-7(V) DICASS CONTROL
- SS-3 - A321 GENERAL LIGHT CONTROL
- SS-3 - C-4163/AIC-22(V) CREW CONTROL BOX
- SS-3 - IP-918/ASA70 MULTIPURPOSE DISPLAY (MPD)
- SS-3 - AM-3364/AIC-22(V) JACK BOX
- SS-3 - C8792/ALQ-78 CONTROL INDICATOR
- SS-3 - OVERHEAD FLOODLIGHT
- SS-3 - AM-3365/AIC-22(V) SPEAKER
- TACCO - A257 BOMB BAY RACK LOCK CONTROL PANEL
- TACCO - A255 TORPEDO PRESETTER CONTROL PANEL

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- ACFT CONTROL - AM3364/AIC-22(V) JACK BOX
- MISC - KILL STORES
- MISC - SEARCH STORES
- MISC - HIGHSPEED READER
- MISC - TARGET 1 PASSIVE ACOUSTICS
- MISC - TARGET 2 PASSIVE ACOUSTICS
- SS-2 - C7616/ARR-72(V) CONTROL INDICATOR (4 EA)
- SS-1 - AQA-7
- SS-2 - AQA-7
- SS-1/2 - SONO RECEIVER POWER CONTROL PANEL
- SS-1 - C-7627/AYA-8 UNIVERSAL KEYSSET
- SS-2 - C-7672/AYA-8 UNIVERSAL KEYSSET
- SS-1 - A330 SONO AUDIO SELECTOR CONTROL BOX
- SS-2 - A330 SONO AUDIO SELECTOR CONTROL BOX
- SS-1 - C4163A(V)/AIC-22(V) ICS CREW CONTROL BOX
- SS-2 - C4163A(V)/AIC-22(V) ICS CREW CONTROL BOX
- SS-1/2 - TIME CODE GENERATOR DECODER/DISPLAY UNIT

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SS-1/2 - A321 GENERAL LIGHT CONTROL PANEL
SS-1 - AM-3364/AIC-22(V) JACK BOX
SS-2 - AM-3364/AIC-22(V) JACK BOX
SS-1 - LIGHT DIMMABLE FLOURESCENT
SS-2 - LIGHT DIMMABLE FLOURESCENT
SS-1/2 - AM-3365/AIC-22(V) SPEAKER
TACCO - A334 MANUAL WEAPONS CONTROL PANEL
TACCO - IP-919/ASA-70 AUXILIARY READOUT DISPLAY (ARO)
TACCO - OVERHEAD FLOODLIGHTS

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACFT CONTROL - PANEL
ACFT CONTROL - IP-886/AIC-22(V) PILOT DISPLAY
ACFT CONTROL - C7629/AYS-8 PILOT KEYSET
MISC - PMC
NAV/COM - A24G-9 TRUE AIRSPEED CONTROL PANEL
NAV/COM - INS 1, C-7560/ASN-84 GYROSCOPE CONTROL PANEL
NAV/COM - INS 2, C-7560/ASN-84 GYROSCOPE CONTROL PANEL
NAV/COM - INS 1, ID-1542/ASN-84 POSITION INDICATOR
NAV/COM - INS 2, ID-1542/ASN-84 POSITION INDICATOR
NAV/COM - C-7514/APN-187 DOPPLER CONTROL INDICATOR
NAV/COM - C-7627/AYA-8 UNIVERSAL KEYSET
TACCO - A324 TACCO POWER CONTROL
TACCO - A252 AISLE LIGHT CONTROL PANEL
TACCO - C-8242/AIC-22(V) ICS MASTER CONTROL BOX
TACCO - IP-917/ASA-70 MULTIPURPOSE DISPLAY (MPD)
TACCO - A321 GENERAL LIGHT CONTROL PANEL
TACCO - AM3364/AIC-22(V) JACK BOX
TACCO - AM3365/AIC-22(V) SPEAKER
TACCO INST - ORDNANCE PANEL
TACCO INST - ICS PANEL
TACCO INST - IP-919/ASA-70 AUXILIARY READOUT DISPLAY
TACCO INST - IP-917/ASA-70 MULTIPURPOSE DISPLAY (MPD)
TACCO INST - PCM DISPLAY AND KEYBOARD
TACCO INST - CONTROL PANEL
TACCO INST - EMERGENCY STOP PANEL
TACCO INST - AM3364/AIC-22(V) JACK BOX

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer

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P-3C WST 2F87 (cont)

is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

MISC - SIMULATOR COMPUTER SYSTEM	
MISC - ASQ-114 COMPUTER	
MISC - DPS 1 THROUGH 2 AYA-8	
MISC - CV-2461A/A SIGNAL DATA CONVERTER	
MISC - RD-319/AYA-8 MAGNETIC TAPE TRANSPORT	
PHASE/CALENDAR INSPECTION	(NOTE 1)
SPECIAL INSPECTION	(NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE	(NOTE 1)
FACILITY AIR CONDITIONING AND UTILITIES	

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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P-3C WST 2F87A
TYPE EQUIPMENT CODE: VPBN

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

NAV/COM - ARN-81 LORAN
NAV/COM - C-9095/UYQ-8 SET ADD CONTROL INDICATOR
NAV/COM - C10359/A IACS CONTROL DISPLAY GENERATOR

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

SS-1/2 - MK-7894/AHQ-4(V) RECORDER REPRODUCER
SS-1/2 - C-9094/UYQ-8 SET AD CONVERTER CONTROL

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

TACCO - C-9574/AWG-19(V) HACLCs CONTROL PANEL

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

MISC - TARGET 3 PASSIVE ACOUSTICS
MISC - TARGET 3 ACTIVE ACOUSTICS
MISC - TARGET 3 RADAR
MISC - TARGET 1 MAD
MISC - TARGET 2 MAD
MISC - TARGET 3 MAD
MISC - TARGET 1 IFF
MISC - TARGET 2 IFF
MISC - TARGET 3 IFF
NAV/COM - BT RECORDER

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- SS-1/2 - A367 TAPE MONITOR PANEL
- SS-3 - C-7718/ASA-65 MAGNETIC COMPENSATOR CONTROL
- SS-3 - C7959/APX-76A(V) IFF CONTROL PANEL
- SS-3 - A327 AUXILIARY CONTROL PANEL
- SS-3 - C7693/ASA-71 MAD SELECTOR CONTROL PANEL
- SS-3 - RO-32/ASO MAGNETIC DISTORTION RECORDER
- SS-3 - LANDMASS GENERATOR

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- MISC - TARGET 1 ACTIVE ACOUSTICS
- MISC - TARGET 2 ACTIVE ACOUSTICS
- MISC - TARGET 1 RADAR
- MISC - TARGET 2 RADAR
- NAV/COM - ACQ-5 CONTROL AND MONITOR PANEL
- NAV/COM INSTR - VIDEO HARD COPY
- NAV/COM INSTR - DATA LINK MANAGEMENT CONSOLE
- SS-1/2 - ACOUSTIC SENSOR SIGNAL GENERATOR (ASSG)
- SS-1 - C-10760/AQA-7(V) DICASS CONTROL
- SS-2 - C-10760/AQA-7(V) DICASS CONTROL
- SS-3 - C-7557/ASA-69 RADAR SCN CONVERTER SET CONTROL
- SS-3 - A321 GENERAL LIGHT CONTROL
- SS-3 - C-4163/AIC-22(V) CREW CONTROL BOX
- SS-3 - FORWARD C-7512/APS-115 RADAR SET CONTROL BOX
- SS-3 - AFT C-7512/APS-115 RADAR SET CONTROL BOX
- SS-3 - ANTENNA CONTROL ASSY AN/APS-115 STN
- SS-3 - IP-918/ASA-70 MULTIPURPOSE DISPLAY (MPD)
- SS-3 - AM-3364/AIC-22(V) JACK BOX
- SS-3 - C8792/ALQ-78 CONTROL INDICATOR
- SS-3 - C-9086/ASQ-8(V) MAGNETIC DETECTOR SET CONTROL

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- NAV/COM - TT-567/AGC-6 TELEPRINTER
- NAV/COM - TT-568/AGC-6 KEYBOARD TRANSMITTER
- NAV/COM - AM-3364/AIC-22(V) JACK BOX
- NAV/COM - OMEGA SET CONTROL
- NAV/COM - OVERHEAD FLOODLIGHT
- NAV/COM - AM-3365/AIC-22(V) SPEAKER
- NAV/COM - BARO ALTIMETER

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P-3C WST 2F87A (cont)

NAV/COM INST - PCM DISPLAY AND KEYBOARD
NAV/COM INSTR - ICS PANEL
NAV/COM INST - AM-3364/AIC-22(V) JACK BOX
NAV/COM INSTR - COM SELECTOR MODIFIED
SS-3 - OVERHEAD FLOOD LIGHT
SS-3 - AM-3365/AIC-22(V) SPEAKER

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

MISC - HIGH SPEED READER
MISC - KILL STORES
MISC - PMC
MISC - SEARCH STORES
MISC - TARGET 1 PASSIVE ACOUSTICS
MISC - TARGET 2 PASSIVE ACOUSTICS
NAV/COM - A309 HORIZONTAL SITUATION IND/CONTROL PANEL
NAV/COM - ID-1540/A HORIZONTAL SITUATION IND/AMPLIFIER
NAV/COM - C-7791/ARC-143 RADIO SET CONTROL PANEL
NAV/COM - HF 1 C-9245/ARC-161 HF RADIO SET CONTROL
NAV/COM - HF 2 C-9245/ARC-161 HF RADIO SET CONTROL
NAV/COM - COMM SELECTOR PANEL
SS-1 - C7617/ARR-72(V) CONTROL INDICATOR (4 EA)
SS-2 - C7617/ARR-72(V) CONTROL INDICATOR (4 EA)
SS-1 - AQA-7
SS-2 - AQA-7
SS-1/2 - SONO RECEIVER POWER CONTROL PANEL
SS-1 - C7627/AYA-8 UNIVERSAL KEYSET
SS-2 - C7627/AYA-8 UNIVERSAL KEYSET
SS-1 - A330 SONO AUDIO SELECTOR CONTROL BOX
SS-2 - A330 SONO AUDIO SELECTOR CONTROL BOX
SS-1 - C4163A(V)/AIC-22(V) ICS CREW CONTROL BOX
SS-2 - C4163A(V)/AIC-22(V) ICS CREW CONTROL BOX
SS-1/2 - TIME CODE GENERATOR DECODER/DISPLAY UNIT
SS-1/2 - GENERAL LIGHT CONTROL PANEL
SS-1 - AM-3364/AIC-22(V) JACK BOX
SS-2 - AM-3364/AIC-22(V) JACK BOX
SS-1/2 - IP-886/ASA-66 DISPLAY TACTICAL DATA
SS-1 - LIGHT DIMMABLE FLOURESCENT
SS-2 - LIGHT DIMMABLE FLOURESCENT
SS-1/2 - AM-3365/AIC-22(V) SPEAKER
TACCO - A334 TACCO MANUAL WEAPONS CONTROL PANEL
TACCO - A257 BOMB BAY RACK LOCK CONTROL PANEL

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P-3C WST 2F87A (cont)

TACCO - A255 TORPEDO PRESETTER CONTROL PANEL
TACCO - IP-919/ASA-70 AUXILIARY READOUT DISPLAY (ARO)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACFT CONTROL - PANEL
ACFT CONTROL - IP-886/ASA-66 PILOT DISPLAY
ACFT CONTROL - C7629/AYA-8 PILOT KEYSET
ACFT CONTROL - AM3364/AIC-22(V) JACK BOX
NAV/COM - A321 GENERAL LIGHT CONTROL PANEL
NAV/COM - C-8242/AIC-22(V) ICS MASTER CONTROL BOX
NAV/COM - A-24G-9 TRUE AIRSPEED CONTROL PANEL
NAV/COM - INS 1, C-7560/ASN-84 GYROSCOPE CONTROL PANEL
NAV/COM - INS 2, C-7560/ASN-84 GYROSCOPE CONTROL PANEL
NAV/COM - INS 1, ID-1542/ASN-84 POSITION INDICATOR
NAV/COM - INS 2, ID-1542/ASN-84 POSITION INDICATOR
NAV/COM - IP-919/ASA-70 AUXILIARY READOUT DISPLAY (ARO)
NAV/COM - C-7514/APN-187 DOPPLER CONTROL INDICATOR
NAV/COM - C-7627/AYA-8 UNIVERSAL KEYSET
TACCO - A252 AISLE LIGHT CONTROL PANEL
TACCO - C-8242/AIC-22(V) ICS MASTER CONTROL BOX
TACCO - IP-917/ASA-70 MULTIPURPOSE DISPLAY (MPD)
TACCO - A321 GENERAL LIGHT CONTROL PANEL
TACCO - AM-3364/AIC-22(V) JACK BOX
TACCO - AM-3365/AIC-22(V) SPEAKER
TACCO INSTR - ORDNANCE PANEL
TACCO INSTR - ICS PANEL
TACCO INSTR - IP-919/ASA-70 AUXILIARY READOUT DISPLAY
TACCO INSTR - IP-917/ASA-70 MULTIPURPOSE DISPLAY (MPD)
TACCO INSTR - DISPLAY AND KEYBOARD
TACCO INSTR - CONTROL PANEL
TACCO INSTR - EMERGENCY STOP PANEL
TACCO INSTR - AM3364/AIC-22(V) JACK BOX

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

MISC - SIMULATOR COMPUTER SYSTEM
MISC - ASQ-114 COMPUTER

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P-3C WST 2F87A (cont)

MISC - DPS 1 THROUGH 3 AYA-8
MISC - CV-2461A/A SIGNAL DATA CONVERTER
MISC - RD-319A/AYA-8 MAGNETIC TAPE TRANSPORT
TACCO - A324 POWER CONTROL
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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P-3C OFT 2F87(F)
TYPE EQUIPMENT CODE: VPBR

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

ANGLE-OF-ATTACK INDICATOR
CLOCK (COPILOT)
CRT (INSTRUCTOR)
FDS
NAVIGATION RADIOS
PEANUT GYRO
RADAR ALTIMETER INDICATOR (COPILOT)
RATE GYRO (COPILOT)
REMOTE CONTROL BOX (INSTRUCTOR)
VHF COMMUNICATIONS

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

HYDRAULIC BRAKING (COPILOT)
PILOT BRAKING
SIMULATION MOTION SYSTEM
WST COUPLING

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING/PRESSURIZATION
LANDING GEAR
LIGHTING SYSTEM
SIMULATION VISUAL SPECIAL EFFECTS UNIT
STANDBY ALTITUDE INDICATOR

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can

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P-3C OPT 2F87(F) (cont)

complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

APU
AUTO PILOT
RATE OF CLIMB INDICATOR (CABIN)
OXYGEN SYSTEM
RADIO NAVIGATION (HSI SYSTEM ONLY)
UHF/VHF COMMUNICATION SYSTEMS

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

RADAR ALTIMETER (PILOT)
GCA
SIMULATION VISUAL SYSTEM
FUEL FLOW INDICATOR
FORWARD LOAD CENTER
ENGINE ANTI-ICE
SHP INDICATOR (1 REQUIRED)
TIT INDICATOR (1 REQUIRED)
RPM INDICATOR (1 REQUIRED)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ANTI-/DE-ICING SYSTEMS
ENGINE (1 REQUIRED)
FUEL QUANTITY INDICATOR
FUEL TOTALIZER INDICATOR
PROPELLER/ENGINE OIL PRESSURE INDICATOR
PROPELLER/ENGINE OIL TEMPERATURE INDICATOR

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ALTITUDE SOURCE (EXCLUDING PEANUT GYRO)
FLIGHT DIRECTOR SYSTEM (COPILOT)
HEADING SOURCE (1 REQUIRED IN SLAVE MODE)

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P-3C OFT 2F87(F) (cont)

HSI (PILOT/COPILOT)
TACAN (PLUS ONE OTHER; VOR #1, VOR #2, ADF)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRSPEED INDICATOR
ALTIMETER
FLIGHT DIRECTOR SYSTEM (PILOT)
HSI CONTROL BOX
RATE-OF-CLIMB INDICATOR

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUTO FEATHER AND RPM CONTROL SYSTEM
FIRE DETECTION AND EXTINGUISHING SYSTEM
FLIGHT CONTROL (COPILOT)
HYDRAULIC SYSTEM
PROPELLER CONTROL SYSTEM
PROPELLER FEATHER (NTL CHECK SYSTEM)
RPM INDICATORS (2 REQUIRED)
SHP INDICATORS (2 REQUIRED)
TIT INDICATORS (2 REQUIRED)
TRIM CONTROLS (COPILOT/PILOT)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING (COCKPIT)
ELECTRICAL SYSTEMS
FUEL SYSTEM
RPM INDICATORS (3 REQUIRED)
SHP INDICATORS (3 REQUIRED)
TIT INDICATORS (3 REQUIRED)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer

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P-3C OFT 2F87(F) (cont)

is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

CONSOLE (INSTRUCTOR)
ENGINES (2 REQUIRED)
RPM INDICATORS (4 REQUIRED)
SHP INDICATORS (4 REQUIRED)
SIMULATION COMPUTER SYSTEM
SIMULATION CONTROL LOADING
TIT INDICATORS (4 REQUIRED)
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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P-3C RTT 14B40A
TYPE EQUIPMENT CODE: VPBT

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

GENERAL LIGHT CONTROL (A321)
INCLINOMETER (AN5744-2)
OVERHEAD FLOODLIGHT
STUDENT STATION (#1 AND #2 REQUIRED)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CREW CONTROL BOX (C-4163/ATC-22(V))
ICS CONTROL PANEL
JACK BOX (AM-3364/ATC-22(V))
SPEAKER (AM-3365/AIC-22(V))
TACTICAL SITUATION DISPLAY (TSD)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CONTROL INDICATOR (C-8792/ALQ-78)
MAD SELECTOR CONTROL PANEL (C-7693/ASA-71)
MAG COMPUTER CONTROL (C-8935/ASA-65)
MAG DETECT SET CONTROL (C-6983/ASQ-8(V))
MAG DISTORTION RECORDER (RO-32/ASQ)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUXILIARY CONTROL PANEL (A327)

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P-3C RTT 14B40A (cont)

ANTENNA CONTROL ASSY AN/APS-115 STN
IFF CONTROL PANEL (C-7959/APX-76A(V))

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AFT RADAR SET CONTROL BOX (C-7515/APS-115)
FORWARD RADAR SET CONTROL BOX (C-7512/APS-115)
RADAR SCAN CONVT SET CONTROL (C-7557/ASA-69)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AIRCRAFT CONTROL PANEL
MULTIPURPOSE DISPLAY (IP-918/ASA-70)
PCM (INSTRUCTORS STATION)
SIMULATION COMPUTERS
STUDENT STATIONS (ALL 3)
TARGET CONTROL PANEL
TARGET GENERATORS (ALL 3)
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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P-3C WST 2F69E
TYPE EQUIPMENT CODE: VPBV

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

COUPLING SYSTEM
IFF CONTACT (TARGET #1, #2 AND #3)
RADAR LANDMASS GENERATOR
MULTIPLE CONTACT (TARGET #3)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ANTENNA CONTROL
CRYSTAL TEST BOX
CURSOR SLEW TRAY (SS-3)
DIRECTION FINDER (ALD-2)
ICS CONTROL (SS-3)
ID-499/ASA-13
IFF/IR CONTROL
MAD DETECTION SET CONTROL
MAD ERROR VOLTAGE MONITOR
MAD RECORDER (ASQ-10) (SS-3)
MAGNETIC HEADING CONTROL (APS-80)
MANEUVER MONITOR (MX2230/ASQ)
MARKER ENTRY CONTROL (C9850/ASN-124)
PULSE ANALYZER (ULA-2)
RADAR BUFFER CONVERTER
RADAR INDICATOR (APA-125)
RADAR SET CONTROL BOX (AFT AND FWD)
RETRO CONTROL BOX
TRANSMITTER POWER SUPPLY (AFT AND FWD)
VIDEO DECODER (APX-7)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in

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P-3C WST 2F69E (cont)

CNO/CMC approved AT&R curriculums.

ASSG
AQA-7 SYSTEM (SS-1 AND 2)
BATHYTHERMOGRAPH
CASS CONTROL (ASA-76)
DDCI'S
REFERENCE SIGNAL GENERATOR
SONO AUDIO SELECTOR
SONO RECEIVER CONTROL BOX ONLY (APR-72)
TAPE MONITOR CONTROL (A367)
TIME CODE GENERATOR

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

RADIO RECORD BOX
RETRO CONTROL
UHF CONTROL BOX

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACTIVE ACOUSTIC CONTACT (TARGET #1, #2 AND #3)
PASSIVE ACOUSTIC CONTACT (TARGET #1, #2 AND #3)
RADAR CONTACT (TARGET #1, #2 AND #3)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

LIGHTING CONTROL
LINE DRIVE UNITS
PSEUDO PILOT FLIGHT CONTROLS
SPOTMASTER TEN SPOT

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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P-3C WST 2F69E (cont)

AIRSPED INDICATOR
ALTITUDE INDICATOR (MM4)
ARMAMENT STATION LOADING CONTROL
ASA-66 DISPLAY
BAROMETRIC ALTIMETER (NAVIGATION)
BDHI (NAVIGATION)
BOMB BAY RACKS UNLOCK
CLOCK (24 HOUR NAVIGATION)
COMPUTER PERIPHERALS
CONTROL DISPLAY UNIT
CONVERTER INTERFACE
DCCI (TACCO)
DIGITAL DISPLAY INDICATOR
DOPPLER GROUND SPEED (APN-153)
ENVIRONMENTAL CONTROLS
HACLCS CONTROL BOX
HORIZONTAL SITUATION INDICATOR
ICS CONTROL
INS COMPASS CONTROLLER
INTERVAL COMPUTER (TD-4411A)
ITAD LIGHT CONTROL
KEYER CONTROLLER
KILL STORES LOADING CONTROL
LIGHTING CONTROL (NAVIGATION)
LTN INERTIAL NAVIGATION SYSTEM
MAD CONTACT (TARGET #1, #2, AND #3)
MAD (INDICATOR AND RECORDER)
MARKER PLOTTER CONTROLLER
MASTER ARMAMENT CONTROL BOX (PEU-34A)
MODE CONTROLLER (ASN-124)
MODE INDICATOR
MODE SELECTOR UNIT (LTN-72)
OPERATOR ASR 33 TTY
OTPI
OUTSIDE AIR TEMPERATURE INDICATOR
PROBLEM CONTROL MONITOR AND KEYBOARD
PT-396 DRT
SIMULATION COMPUTER SYSTEM
SIMULATOR HEADING INDICATOR
SONO CHUTE LOADING
SONO CHUTE SELECTOR AND RECEIVER CHANNEL
SONO DATA CONTROL
RADAR ALTIMETER

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P-3C WST 2F69E (cont)

RADIO AND ICS CONTROL BOX (TACCO AND NAVIGATION)
TACTICAL DATA DISPLAY (ASA-66)
TECKTRONICS HARDCOPY
TORPEDO PRESETTER
TRUE AIRSPEED SYSTEM
VERTICAL SPEED INDICATOR
WST INTERCOMMUNICATION SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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P-3C TAC 2F87B/2F87C
TYPE EQUIPMENT CODES: VPBW, VPB1

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

HACLCS CONTROL PANEL (C-9574/AWG-19(V))(TACCO)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACOUSTICS (ACTIVE AND PASSIVE) (TARGET #3)
AUXILIARY CONTROL PANEL (A327) (SS3)
IFF (TARGET #1, #2 AND #3)
IFF CONTROL PANEL (7959/APX-76A(V)) (SS3)
LORAN (ARN-81) (NAV/COM)
MAD (TARGET #1, #2 AND #3)
MAGNETIC COMPENSATOR CONTROL (C-7718/ASA-65) (SS3)
MAGNETIC DETECT SET CONTROL (C9086/ASQ-8(V)) (SS3)
MAGNETIC DISTORTION CONTROL PANEL (RO-32/ASQ)
RADAR (TARGET #3)
VIDEO HARD COPY (NAV/COM INST)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACOUSTIC SENSOR SIG GENERATOR (SS1 AND SS2)
ACTIVE ACOUSTICS (TARGET #1 AND #2)
ANTENNA CONTROL ASSY (AN/APS-115 STN) (SS3)
BAROMETRIC ALTIMETER (NAV/COM)
BT RECORDER (NAV/COM)
CONTROL AND MONITOR PANEL (ACQ-5) (NAV/COM)
DATA LINK MANAGEMENT CONSOLE (NAV/COM INST)
GENERAL LIGHT CONTROL PANEL (A321) (NAV/COM)
RADAR (TARGET #1 AND #2)
RADAR SCAN CONVERTER SET CONTROL (C-755/ASA-69) (SS3)

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P-3C TAC 2F87B/2F87C (cont)

RADAR SET CONTROL BOX (C-7512/APS-115) (FWD AND AFT) (SS3)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUXILIARY READOUT DISPLAY (ARO) (IP-919/ASA-70) (NAV/COM)
 BOMB BAY RACK LOCK CONTROL PANEL (A257) (TACCO)
 COMMUNICATION SELECTOR PANEL (NAV/COM)
 COMMUNICATION SELECTOR MODIFIED (NAV/COM INST)
 CONTROL INDICATOR (C7616/ATT-72(V)) (SS1) (4 EA)
 CONTROL INDICATOR (C8792/ALQ-78) (SS3)
 CREW CONTROL BOX (C-4163/AIC-22(V)) (SS3)
 DICASS CONTROL (C10760/AQA-7(V)) (SS1 AND SS2)
 GENERAL LIGHT CONTROL (A321) (SS3)
 HF RADIO SET CONTROL (HF1 C-9245/ARC-161) (NAV/COM)
 HSI AMPLIFIER (D-1540/A) (NAV/COM)
 HSI CONTROL PANEL (A309) (NAV/COM)
 ICS MASTER CONTROL BOX (C-8242/AIC-22(V)) (NAV/COM)
 ICS PANEL (NAV/COM INST)
 JACK BOX (AM-3364/AIC-22(V)) (NAV/COM)
 JACK BOX (AM-3364/AIC-22(V)) (NAV/COM INST)
 JACK BOX (AM-3364/AIC-22(V)) (SS3)
 KEYBOARD TRANSMITTER (TT568/AGC-6) (NAV/COM)
 MULTIPURPOSE DISPLAY (IP-918/ASA-70) (SS3)
 PACM DISPLAY AND KEYBOARD (NAV/COM INST)
 RADIO SET CONTROL PANEL (C-7791/RC-143) (NAV/COM)
 SPEAKER (AM-3365/AIC-22(V)) (NAV/COM)
 SPEAKER (AM-3364/AIC-22(V)) (SS3)
 TELEPRINTER (TT-567/AGC-6) (NAV/COM)
 TORPEDO PRESETTER CONTROL PANEL (A255) (TACCO)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AQA-7 (SS1 AND SS2)
 AUXILIARY READOUT DISPLAY (IP-919/ASA70) (TACCO)
 CONTROL INDICATOR (C7617/ARR-72(V)) (SS2)
 HIGH SPEED READER
 ICS CREW CONTROL BOX (C4163A(V)/AIC-22(V))
 (SS1 AND SS2)
 JACK BOX (AM-3364/AIC-22(V)) (SS1/SS2) (NOTE 1)
 JACK BOX (AM-3364/AIC-22(V)) (ACFT CONTROL)

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P-3C TAC 2F87B/2F87C (cont)

KILL STORES

PASSIVE ACOUSTICS (TARGET #1 AND #2)

MANUAL WEAPONS CONTROL PANEL (A334) (TACCO)

SEARCH STORES

SPEAKER (AM-3364/AIC-22(V)) (SS1/SS2)

(NOTE 1)

TIME CODE GEN DECODER/DISPLAY UNIT (SS1/SS2)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUXILIARY READOUT DISPLAY (IP-919/ASA-70) (TACCO INST)

CONTROL PANEL (TACCO INST)

DOPPLER CONTROL INDICATOR (C-7514/APN-187)

(NAV/COM)

(NOTE 2)

EMERGENCY STOP PANEL (TACCO INST)

ICS MASTER CONTROL BOX (C-8242/AIC-22(V)) (TACCO)

ICS PANEL (TACCO INST)

INS 1 AND INS 2 GYROSCOPE CONTROL PANEL

(C-7560/ASN-84) (NAV/COM)

(NOTE 3)

JACK BOX (AM-3364/AIC-22(V)) (TACCO)

(NOTE 4)

JACK BOX (AM-3364/AIC-22(V)) (TACCO INST)

MULTIPURPOSE DISPLAY (IP-917/ASA-70) (TACCO)

MULTIPURPOSE DISPLAY (IP-917/ASA-70) (TACCO INST)

ORDNANCE PANEL (TACCO INST)

PANEL (ACFT CONTROL)

PCM DISPLAY AND KEYBOARD (TACCO INST)

PILOT DISPLAY (IP-886/ASA-66) (ACFT CONTROL)

PILOT KEYS (C7629/AYA-8) (ACFT CONTROL)

PMC

POSITION INDICATOR (INS 1 AND INS 2)

(ID-1542/ASN-84) (NAV/COM)

(NOTE 1)

POWER CONTROL (A324) (TACCO)

SPEAKER (AM-3365/AIC-22(V)) (TACCO)

(NOTE 4)

TRUE AIRSPEED CONTROL PANEL (A24G-9) (NAV/COM)

UNIVERSAL KEYS (C7627/AYA-8) (TACCO)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

ASQ-114 COMPUTER

AYA-8 (DPS 1 THROUGH 3 AND 4)

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P-3C TAC 2F87B/2F87C (cont)

MAGNETIC TAPE TRANSPORT (RD-319/AYA-8) (BOTH)
SIGNAL DATA CONVERTER (CV-2461A/A)
SIMULATOR COMPUTER SYSTEM
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 5)

(NOTE 5)

(NOTE 5)

NOTES:

1. SS-1 AND 2 JACK BOX OR SPEAKER, ONE CAN BE USED WITHOUT THE OTHER.
2. NAV/COM DOPPLER, NOT NEEDED IF INS'S ARE UP.
3. NAV/COM INS 1 AND 2, ONLY ONE IS NEEDED TO RUN TRAINING.
4. TACCO JACK BOX OR SPEAKER, EITHER ONE OR THE OTHER IS NECESSARY.
5. AS APPLICABLE PER REFERENCE (C).

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P-3C DOT 14B44A
TYPE EQUIPMENT CODE: VPBX

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

SPEAKER (AM-3365/AIC-22(V))(SS-1/2)

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACOUSTIC SENSOR SIGNAL GENERATOR (SS1/SS2)
DICASS CONTROL (C-10760/AQA-7(V))(SS1 AND SS2)
ICS CREW CONTROL BOX (C4163A(V)/AIC-22(V))(SS1 AND SS2)
JACK BOX (AM-3364/AIC-22(V))(SS1 AND SS2)
TAC SITUATION DISPLAY TSD (INSTR CONSOLE)
TIME CODE GENERATOR DECODER/DISPLAY UNIT (SS1/SS2)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AREA 1 ACTIVE ACOUSTICS (TARGET #1, #2 AND #3)
AREA 2 ACTIVE ACOUSTICS (TARGET #1, #2 AND #3)
AREA 3 ACTIVE ACOUSTICS (TARGET #1, #2 AND #3)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AQA-7 (AREA 1 3V)
AQA-7 (AREA 2 UPDATE)
AQA-7 (AREA 3 BASELINE)
CONTROL INDICATOR (C7617/ARR-72(V))(4 EA)(SS1 AND SS2)
LIGHT DIMMABLE FLOURESCENT (SS1 AND SS2)
PASSIVE ACOUSTICS (AREA 1)(TARGET #1, #2 AND #3)

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P-3C DOT 14B44A (cont)

PASSIVE ACOUSTICS (AREA 2) (TARGET #1, #2 AND #3)
PASSIVE ACOUSTICS (AREA 3) (TARGET #1, #2 AND #3)
TACTICAL SITUATION DISPLAY (INSTR CONSOLE)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

PCM (INSTR CONSOLE)
RECORDER REPRODUCER (MK7894/AQH-4(V))
SIMULATION COMPUTER SYSTEM

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

GENERAL LIGHT CONTROL PANEL (A321) (SS1/SS2)
SONO AUDIO SELECTOR CONTROL BOX (A330) (SS1 AND SS2)
SONO RECEIVER POWER CONTROL PANEL (SS1/SS2)
TAPE MONITOR PANEL (A367) (SS1/SS2)
PHASE/CALENDAR INSPECTION (NOTE 1)
SPECIAL INSPECTION (NOTE 1)
TECHNICAL DIRECTIVE COMPLIANCE (NOTE 1)
FACILITY AIR CONDITIONING AND UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (C).

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P-3C CPT 2C41
TYPE EQUIPMENT CODE: VPBZ

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRCRAFT SOUND SYSTEM
CLOCK (COPILOT)
CRT (INSTRUCTOR)

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING AND PRESSURIZATION SYSTEM
ENGINE BLEED AIR AND ANTI-ICING AIR SYSTEM
ENGINE START CONTROL SYSTEM (1 REQUIRED)
ENGINE OIL SYSTEM INSTRUMENT
FIRE DETECTION AND EXTINGUISHING SYSTEM (1 REQUIRED)
FLIGHT INSTRUMENTS
FUEL CONTROL SYSTEM (1 REQUIRED)
HYDRAULIC POWER SYSTEM (1 REQUIRED)
POWER PLANT INSTRUMENTS
POWER PLANT CONTROL SYSTEM (1 REQUIRED)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AUTO FEATHER AND RPM CONTROL SYSTEM
ELECTRICAL POWER SUPPLY SYSTEM
HYDRAULIC POWER SYSTEMS (2 REQUIRED)
NTS CHECK SYSTEM (PROPELLER FEATHER)
PROPELLER CONTROL SYSTEM

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in

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P-3C CPT 2C41 (cont)

CNO/CMC approved AT&R curriculums.

APU

POWER PLANT INSTRUMENTS (2 REQUIRED)
 POWER PLANT CONTROL SYSTEMS (2 REQUIRED)
 ENGINE START CONTROL SYSTEMS (2 REQUIRED)
 FUEL CONTROL SYSTEMS (2 REQUIRED)
 ENGINE OIL INSTRUMENTS (2 REQUIRED)
 FIRE DETECTION AND EXTINGUISHING SYSTEMS (2 REQUIRED)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

SIMULATOR PNEUMATIC SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

POWER PLANT INSTRUMENTS (3 REQUIRED)
 POWER PLANT CONTROL SYSTEMS (3 REQUIRED)
 ENGINE START CONTROL SYSTEMS (3 REQUIRED)
 FUEL CONTROL SYSTEMS (3 REQUIRED)
 ENGINE OIL SYSTEM INSTRUMENTS (3 REQUIRED)
 FIRE DETECTION AND EXTINGUISHING SYSTEMS (3 REQUIRED)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

SIMULATION COMPUTER SYSTEM

POWER PLANT INSTRUMENTS (4 REQUIRED)
 POWER PLANT CONTROL SYSTEMS (4 REQUIRED)
 ENGINE START CONTROL SYSTEMS (4 REQUIRED)
 FUEL CONTROL SYSTEMS (4 REQUIRED)
 ENGINE OIL SYSTEM INSTRUMENTS (4 REQUIRED)
 FIRE DETECTION AND FIRE EXTINGUISHING SYSTEM (4 REQUIRED)
 PHASE/CALENDAR INSPECTION (NOTE 1)
 SPECIAL INSPECTION (NOTE 1)
 TECHNICAL DIRECTIVE COMPLIANCE (NOTE 1)
 FACILITY AIR CONDITIONING AND UTILITIES

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P-3C CPT 2C41 (cont)

NOTES:

1. AS APPLICABLE PER REFERNECE (c).

Enclosure (2)

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SONAR MPT 14E10/3C
TYPE EQUIPMENT CODE: VRGC

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

DEPTH INDICATOR AUDIO PANEL
TAPE TRANSPORT

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CASSETTE DECK

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

28 VDC POWER SUPPLY
400 HZ CONVERTER
AZIMUTH AND RANGE INDICATOR
CABLE ASSEMBLIES
CARD TRAY
CONTROL AND TEST PANEL
DEMULTIPLEXER/DEMULATOR
DIRECT CURRENT POWER SUPPLIES
DIRECT REPRODUCE UNIT
INSTRUCTOR CONSOLE/CRT
RO-358 RECORDER
SDC
SONAR RACK
SONAR RECEIVER
PHASE/CALENDAR INSPECTION

(NOTE 1)

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SONAR MPT 14E10/3C (cont)

SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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S-3A PTT 14B49
TYPE EQUIPMENT CODE: VSBB

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

ADF
ATR
SLP DISPLAY
TSD/SLP PRINTER

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COPILLOT STATIONS
IRC
OFFLINE ACOUSTIC CAPABILITY
SENSO STATIONS
TACCO STATIONS

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACP
ASA-65
CGA
DATA LINK
ESM
IFF INTERROGATOR
INSTRUCTOR ARU REPEATER
MAD CONTROL BOX
RADAR SCAN CONVERTER
RIU

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can

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S-3A PTT 14B49 (cont)

complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

INS
MANUAL SESCO
TIME CODE GENERATOR (TCG)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACOUSTIC SIGNAL GENERATOR (ASG)
ACOUSTICS COMPUTER
ARU
INCOS (COPILOT)
INCOS (TACCO)
MPD (COPILOT)
MPD (TACCO)
SLU
SONO MONITOR AND BYPASS PANEL (TACCO)
SRX

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

INCOS (SENSO)
MPD (SENSO)
SFC-1 OR SFC-2 (ONE OR THE OTHER)
SONO MONITOR AND BYPASS PANEL (SENSO)
TSD DISPLAY

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ADP
CONTROL COMPUTER
DGU
DMTU
GPDC
INSTRUCTOR MPD REPEATER

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S-3A PTT 14B49 (cont)

TTC (PT MODE)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

HEADSETS

ICS

PCM CONTROLS

TACTICS COMPUTER

PHASE/CALENDAR INSPECTION

(NOTE 1)

SPECIAL INSPECTION

(NOTE 1)

TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 1)

FACILITY AIR CONDITIONING AND UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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S-3A WST 2F92
TYPE EQUIPMENT CODE: VSBC

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COUPLER

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AACS
ACOUSTICS CONTROL UNIT
ACOUSTICS DATA PROCESSOR
ACOUSTICS SIGNAL GENERATOR
ACTIVE PROCESSING
AHRS
ARMCOS
ARMAMENT CONTROL PANEL (ACP)
ARU
DGU
DOPPLER
DMTU
ESM
GPDC
ICS (TACCO AND SENSO)
INCOS (TACCO AND SENSO)
INS
IRC
MAD COMPENSATOR (ASA-65)
MAD CONTROL BOX
MPD (TACCO AND SENSO)
NAVIGATION PROCESSING
OFF-LINE RADAR CONTROL
PASSIVE PROCESSING
RADAR INTERROGATOR (APX-76)
RIU
SESCOS

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S-3A WST 2F92 (cont)

SLP DISPLAY
SLU
SONO MONITOR & BYPASS PANEL (TACCO AND SENSO)
SRS OTP
SRX
TACTICS AACS
TACTICS ACP
TACTICS AIRSPEED INDICATOR (PILOT AND COPILOT)
TACTICS ALTIMETER (PILOT AND COPILOT)
TACTICS CLOCKS
TACTICS COMPUTER
TACTICS DOPPLER
TACTICS FLIGHT CONTROL (PILOT)
TACTICS HEADSET (INSTRUCTOR)
TACTICS HEADSETS
TACTICS HSI (PILOT)
TACTICS ICS SYSTEM (INSTRUCTOR)
TACTICS INCOS (PILOT AND COPILOT)
TACTICS IRS
TACTICS IRC (PILOT AND COPILOT)
TACTICS LIGHTS
TACTICS MAD CONTROL BOX
TACTICS MPD (PILOT AND COPILOT)
TACTICS NAVIGATION DISPLAY SELECTOR PANEL
TACTICS OFF-LINE RADAR CONTROL
TACTICS PCM
TACTICS RADAR INTERROGATOR
TACTICS SLU
TACTICS VDI (COPILOT)
TDS DISPLAY
TIME CONTROL GENERATOR
TSD/SLP PRINTER
TTC

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

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S-3A WST 2F92 (cont)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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S-3A OFT 2F92A
TYPE EQUIPMENT CODE: VSBD

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

FLIR
RADAR TRANSPONDER

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

LF ADF

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ACLS
ACLS ADVISORY PANEL
ENVIRONMENTAL CONTROL
LOX SYSTEM
LSO LENS CONTROL
WING/FIN FOLD SYSTEM

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

APU
BRAKE SYSTEM
CILS
COUPLED
INTERROGATOR PANEL
STANDBY GYRO

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S-3A OFT 2F92A (cont)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AILERON TRIM INDICATOR
INDEXER (COPILOT)
WET COMPASS

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

INCOS (PILOT AND COPILOT)
MPD (PILOT AND COPILOT)
FUEL FLOW INDICATOR
IFF CONTROL PANEL

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AACS
ACP
CLOCK (COPILOT)
DOPPLER
FORWARD DISPLAY (COPILOT)
MOTION
NAVIGATION PROCESSING
PILOT INDEXER (PILOT)
PILOT SIDE VISUAL (PILOT)
RADAR ALTIMETER (COPILOT)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AFCS
AHRS
AIRSPEED INDICATOR (PILOT AND COPILOT)
AOA INDICATOR (PILOT AND COPILOT)
BAROMETRIC ALTIMETER (PILOT AND COPILOT)
CLOCK (PILOT)

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S-3A OFT 2F92A (cont)

CONTROL LOADING
FAN SPEED INDICATOR
FLAPS
FORWARD VISUAL DISPLAY (PILOT)
FUEL GAUGE
GAS GENERATOR SPEED INDICATOR
HSI (PILOT AND COPILOT)
HYDRAULIC PRESSURE GAUGE
HYDRAULIC SYSTEM
INTERNAL TURBINE TEMPERATURE INDICATOR
LANDING GEAR
OIL PRESSURE GAUGE
PITCH TRIM INDICATOR
RADAR ALTIMETER (PILOT)
TACAN
VDI (PILOT AND COPILOT)
VISUAL SIMULATION COMPUTER

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

FLIGHT A AND B COMPUTERS
FLIGHT INSTRUCTOR CONSOLE
FLIGHT IOS
IRC
MASTER CAUTION PANEL
SB/FLAP/GEAR INDICATOR
THROTTLES

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ICS (PILOT AND COPILOT)
INS
NAVIGATION DISPLAY PANEL
SLU

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

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S-3A OFT 2F92A (cont)

PHASE/CALENDAR INSPECTION

(NOTE 1)

SPECIAL INSPECTION

(NOTE 1)

TECHNICAL DIRECTIVE COMPLIANCE

(NOTE 1)

FACILITY AIR CONDITIONING AND UTILITIES

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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S-3A TAC 2F92A
TYPE EQUIPMENT CODE: VSBE

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

OFFLINE RADAR CONTROL

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CLOCK (COPILOT)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

RADAR INTERROGATOR
SONO MONITOR AND BYPASS PANEL (TACCO)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIRSPEED INDICATOR (COPILOT)
BAROMETRIC ALTIMETER (COPILOT)
CLOCK (PILOT)
COUPLED MODE
DATA LINK
FLIGHT A AND B COMPUTERS
FLIGHT ICS
HSI (COPILOT)
VDI (COPILOT)

Assign alpha character (H) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can

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S-3A TAC 2F92A (cont)

complete 40-49% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AHRS
AIRSPEED INDICATOR (PILOT)
ATR
BAROMETRIC ALTIMETER (PILOT)
HSI (PILOT)
ICS (INSTRUCTOR)
TIME CODE GENERATOR
VERSATEC COPIER (TSD/SLP)

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ESM
IRS
MAGNETIC COMPENSATOR

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AACS
ACOUSTIC COMPUTER
ACTIVE PROCESSING
ADP
ARMCOS (ACP)
ARU
ASG COMPUTER
DOPPLER
PASSIVE PROCESSING
RADAR
RIU
SCAN CONVERTER
SENSO ICS
SENSO INCOS
SENSO MPD
SENSO SONO MONITOR AND BYPASS PANEL
SESCOS
SFC 1 AND 2 COMPUTER
SOUND LOSS PROPAGATION DISPLAY (SLP)

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S-3A TAC 2F92A (cont)

SRS
SRS OTPI
SRX
TACTICAL SITUATION DISPLAY (TSD)

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING (CABIN)
COMPUTER (TACTICS)
DGU
DMTU
GPDC
ICS (PILOT, COPILOT AND TACCO)
INCOS (PILOT, COPILOT AND TACCO)
INS
INSTRUCTOR CONSOLE (TACTICS)
MPD (PILOT, COPILOT AND TACCO)
NAVIGATION DISPLAY SELECTOR PANEL
NAVIGATION PROCESSING
PCM (TACTICS)
SLU
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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S-3A CPT 2C49
TYPE EQUIPMENT CODE: VSBG

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (B) of the EOC code when the following system(s) are inoperative. The trainer is FMC, M or S and can complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

- ARMAMENT CONTROL PANEL
- ARMAMENT MONITOR AND CONTROL PANEL
- COCKPIT HATCH SEVERANCE T-HANDLE
- EJECTION SEAT (PILOT AND COPILOT)
- FLIR CONTROL PANEL
- FLIR OFF-LINE/RETRACT SWITCH
- INCOS (PILOT AND COPILOT)
- KY-28 CONTROL PANEL
- MAD BOOM CONTROL PANEL
- MAD CONTROL BOX
- MASTER ARM SWITCH
- MPD (PILOT AND COPILOT)
- OFF-LINE RADAR CONTROL
- RADAR INTERROGATOR PANEL (APX-76)
- RG-40 CONTROL PANEL
- SEARCH POWER SWITCH
- STORES RELEASE BUTTON (PILOT AND COPILOT)
- THERMOS JUG HOLDER (PILOT AND COPILOT)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

- ACLS ADVISORY PANEL (PILOT AND COPILOT)
- ACLS RECEIVER PANEL (ASN-25B)
- AFCS RELEASE PADDLE SWITCH (PILOT AND COPILOT)
- AIRSPED INDICATOR (PILOT AND COPILOT)
- ALTIMETER (PILOT AND COPILOT)
- AOA INDICATOR (PILOT AND COPILOT)
- ARMAMENT CONTROL PANEL
- ARRESTING HOOK
- BRAKE CONTROL SYSTEM
- BRAKE/RUDDER PEDALS (PILOT AND COPILOT)

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S-3A CPT 2C49 (cont)

CILS RECEIVER PANEL (ARA-63)
CLOCKS
COMMUNICATION/ICS BUTTON (PILOT AND COPILOT)
CONTROL STICK (COPILOT)
CONTROL STICK EXTENSION SYSTEM (PILOT)
CRBN 02 QUANTITY/APU CONTROL INDICATORS PANEL
DLC BUTTON (COPILOT)
DOME LIGHT SWITCH
DOPPLER SWITCH
EJECTION WARNING LIGHT SWITCH
EMERGENCY BRAKE PRESSURE GAUGE
EMERGENCY LANDING GEAR HANDLE
EMERGENCY LANDING GEAR RESET BUTTON
ENGINE IGNITION SWITCHES
ENGINE START SWITCHES
EXTERIOR LIGHTS PANEL
EXTERNAL JETTISON BUTTON
FAILURE ANNUNCIATOR PANELS (PILOT AND COPILOT)
FAN SPEED INDICATOR
FLAPS EMERGENCY CONTROL PANEL
FLC BUTTON (PILOT)
FLIGHT CONTROLS
FLIGHT CONTROL TEST PANEL
FLIGHT MODE ELECTOR PANEL
FORMATION LIGHTS PANEL
FUEL DUMP HANDLE
FUEL DUMP SYSTEM
FUEL FEED TANK INTERCONNECT HANDLE
FUEL FLOW INDICATOR
FUEL IDLE CONTROL SWITCH
FUEL SYSTEM CONTROL PANEL
GAS GENERATOR SPEED (NG) INDICATOR
HSI (PILOT AND COPILOT)
ICS CONTROL PANEL (PILOT AND COPILOT)
IFF CONTROL PANEL (APX-72)
INDEXERS (COPILOT)
IN-FLIGHT REFUELING HAND CRANK RECEPTACLE
INTEGRATED RADIO CONTROL PANEL
INTERIOR LIGHTS PANEL
ITT INDICATOR
LANDING AND TAXI LIGHT SWITCH
LANDING GEAR SOL OVERRIDE BUTTON
LAUNCH BAR CONTROL SWITCH
LF/ADF CONTROL PANEL
LIGHTING CONTROL PANEL (PILOT AND COPILOT)
MASTER ARM CUE LIGHT

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S-3A CPT 2C49 (cont)

MICROPHONE SELECT PANEL (PILOT AND COPILOT)
NAVIGATION CONTROL PANEL
NWS BUTTON (PILOT AND COPILOT)
OIL PRESSURE GAUGES
ON SWITCH (PILOT AND COPILOT)
OUTSIDE AIR TEMP GAUGE
OVERHEAD LIGHT (COCKPIT DOME)
PARKING BRAKE HANDLE
RADAR BEACON PANEL (APN-202)
RUDDER TRIM PANEL
SEARCH POWER CUE LIGHT
STATIC CONTROL PANEL (PILOT)
TACAN CONTROL PANEL
TRIM BUTTON (PILOT AND COPILOT)
TRIM DISCONNECT BUTTON (PILOT AND COPILOT)
VDI (PILOT AND COPILOT)
VSI (PILOT AND COPILOT)
WET COMPASS
WINDSHIELD CONTROL PANEL
WING/FIN FOLD SYSTEM

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ADVISORY LIGHTS
AHRS
AILERON TRIM INDICATOR
BLEED AIR SWITCHES
COMMUNICATION EQUIPMENT COOLING SWITCH
CONTROL STICK (PILOT)
ECS PANEL
FIRE WARNING LIGHTS (ENGINE AND APU)
FLAP HANDLE
HYDRAULIC PRESSURE GAUGES
HYDRAULIC SYSTEM
INDEXERS (PILOT)
LANDING GEAR HANDLE
LANDING GEAR WARNING LIGHTS
NAVIGATION DISPLAY SELECTOR PANELS (PILOT AND COPILOT)
PITCH TRIM INDICATOR
RAAWS LIGHTS (PILOT)
SB/ALAP/GEAR INDICATOR
STANDBY GYRO
HEADS UP WARNING AND CAUTION LIGHTS (PILOT AND COPILOT)

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S-3A CPT 2C49 (cont)

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

APU ACCUMULATOR GAUGE
ELECTRICAL CONTROL PANEL
ENGINE EMERGENCY SHUTDOWN HANDLES
THROTTLES (PILOT AND COPILOT)

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

APU HANDLE

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

CONTROL PANEL (INSTRUCTOR)
CRT (INSTRUCTOR)
KEYBOARD (INSTRUCTOR)
MASTER CAUTION PANEL
SEAT (INSTRUCTOR)
SEAT AND SEAT CONTROL (PILOT AND COPILOT)
UTILITY LIGHT (INSTRUCTOR)
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1993

T-2C OFT 2F101
TYPE EQUIPMENT CODE: VTBB

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AIR CONDITIONING SYSTEM
ANTI-G SYSTEM
CANOPY JETTISON HANDLE
ENGINE ANTI-ICE
FUEL DUMP HANDLE
IFF (APX-64)
OXYGEN SYSTEM
PITOT HEAT
THUNDERSTORM LIGHTS
UHF (ARC-51)
VERSATEC

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CABIN PRESSURE ALTIMETER
OXYGEN QUANTITY INDICATOR
SPEED BRAKE DUMP HANDLE

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ADA (ARA-25)
ARRESTING/CATAPULT SYSTEM
UHF AUXILIARY RECEIVER (ARR-40)

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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T-2C OFT 2F101 (cont)

LANDING GEAR EMERGENCY OVERRIDE
POPPABLE CIRCUIT BREAKERS
TRIM DISCONNECT SWITCH

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

EJECTION SYSTEM

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CANOPY SYSTEM
MOTION SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CLOCK (CONSOLE)
ID 249

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

AC/DC POWER SUPPLIES
AIR COMPRESSOR
CLOCK (COCKPIT)
CONTROL LOADING
CONTROL TRANSFER
DECWRITER
ENGINE PERFORMANCE INDICATORS
ENGINE SYSTEM
FIRE DETECTION/WARNING SYSTEM
FLIGHT CONTROLS
FLIGHT PERFORMANCE INDICATORS
FUEL QUANTITY SYSTEM

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T-2C OFT 2F101 (cont)

GEAR AND FLAP POSITION INDICATORS
HYDRAULIC PRESSURE INDICATOR
ICS SYSTEM
INSTRUCTOR CONSOLE
INSTRUMENT AC POWER SWITCH
INTERIOR LIGHTS
LANDING GEAR SYSTEM
LINKAGE SYSTEM
PDP 11/45 CPU
RK 05/11
RUDDER PEDAL ADJUST
SANDERS SYSTEM
SPEED BRAKE SYSTEM
TACAN SYSTEM (ARN-52)
TRIM SYSTEM
VOLT/AMMETER
WARNING/CAUTION LIGHTS
WHEEL BRAKE SYSTEM
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

T-34C CPT 2C42
TYPE EQUIPMENT CODE: VTEA

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COCKPIT LIGHTING
COMMUNICATIONS SYSTEM
ENVIRONMENTAL SYSTEM
OXYGEN SYSTEM

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CIRCUIT BREAKER PANEL
FLAP SYSTEM
MALFUNCTION DISPLAY

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

FUEL SYSTEM CONTROLS
LANDING GEAR SYSTEM

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ELECTRICAL SYSTEM CONTROLS
FLIGHT INSTRUMENTS

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

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T-34C CPT 2C42 (cont)

ANNUNCIATOR
ENGINE INSTRUMENTS
FIRE WARNING SYSTEM
POWER CONTROL LEVER
STARTER SWITCH

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

MALFUNCTION INSERTION SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

INSTRUCTOR DISPLAY

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

INSTRUCTOR KEYBOARD

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

COMPUTER SYSTEM
REAL TIME INTERFACE
PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)

(NOTE 1)

(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

17 OCT 1990

T-34C FIT 2B37
TYPE EQUIPMENT CODE: VTEB

If all equipment is operational, or if system(s) not listed on this MESM are inoperative, do not enter an EOC code on the VIDS/MAF. The trainer is OPC and has the maximum potential to successfully complete all simulator training events contained in CNO/CMC approved AT&R curriculums.

Assign alpha character (C) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 90-99% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

INSTRUCTOR LIGHTING
ON-LINE MONITOR
OXYGEN SYSTEM
ROUGH AIR SIMULATION
TRAINER MOTION SYSTEM

Assign alpha character (D) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 80-89% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

AURAL SIMULATION
COCKPIT LIGHTING
INSTRUCTOR DISPLAY (LEFT, EMERGENCY PROCEDURES)

Assign alpha character (E) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 70-79% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CIRCUIT BREAKER PANEL
FLAP SYSTEM
LANDING GEAR SYSTEM
MALFUNCTION INSERTION SYSTEM

Assign alpha character (F) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 60-69% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

INSTRUCTOR DISPLAY (RIGHT, CROSS COUNTRY)

Assign alpha character (G) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can

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T-34C FIT 2B37 (cont)

complete 50-59% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

ANNUNCIATOR
WARNING LIGHTS

Assign alpha character (J) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 30-39% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

FLIGHT INSTRUMENTS (TURN/BANK INDICATOR, RMI)
NAVIGATION RADIOS
RADIO NAVIGATION INSTRUMENTS
TRIM SYSTEM

Assign alpha character (K) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 20-29% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

COMMUNICATIONS RADIOS
DYNAMIC CONTROLS
HEADSETS
POWER CONTROL ASSEMBLY

Assign alpha character (L) of the EOC code when the following system(s) are inoperative. The trainer is PMC, M or S and can complete 1-19% of the simulator training events contained in CNO/CMC approved AT&R curriculums.

CONTROL LOADING
FLIGHT INSTRUMENTS (ALTIMETER, AIR SPEED INDICATOR,
ATTITUDE GYRO INDICATOR)
INSTRUCTOR DISPLAY (CENTER, PERFORMANCE MONITOR)
INSTRUCTOR KEYBOARD

Assign alpha character (Z) of the EOC code when the following system(s)/condition(s) exist or are inoperative. The trainer is NMC, M or S and cannot successfully complete any of the simulator events contained in CNO/CMC approved AT&R curriculums.

COMPUTER SYSTEM
DISK DRIVE UNIT
REAL TIME INTERFACE

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T-34C FIT 2B37 (cont)

PHASE/CALENDAR INSPECTION
SPECIAL INSPECTION
TECHNICAL DIRECTIVE COMPLIANCE
FACILITY AIR CONDITIONING AND UTILITIES

(NOTE 1)
(NOTE 1)
(NOTE 1)

NOTES:

1. AS APPLICABLE PER REFERENCE (c).

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**MISSION-ESSENTIAL SUBSYSTEMS MATRICES (MESM) AND
MISSION DESCRIPTION CONSTRUCTION PROCEDURES**

Enclosure (3)

01 JUL 1992

MISSION CAPABLE (MC) AND FULL MISSION CAPABLE
(FMC) GOALS BY TYPE/MODEL/SERIES (T/M/S) AIRCRAFT AND
UNIT OPERATIONAL CATEGORY FOR CURRENT FISCAL YEAR

1. Overall goals combine operational status category codes defined in OPNAVINST 5442.2F.
2. Operational category "A" aircraft goals are five percent higher than the overall goals.
3. Operational category "B" aircraft goals are the same as the overall goals.
4. Operational category "C", "D" and "E" aircraft goals are five percent lower than the overall goals.

T/M/S	OVERALL	
	MC GOAL	FMC GOAL
EA-3B	53	41
KA-3B	72	55
ERA-3B	53	41
TA-3B	68	52
A-4E	65	50
A-4F	62	48
EA-4F	65	50
TA-4F	72	55
TA-4J	65	50
A-4M	68	52
OA-4M	73	56
EA-6A	58	40
EA-6B	73	54
KA-6D	69	53
A-6E	65	50
C-2A	67	52
TC-4C	75	54
C-9B	80	80
DC-9	80	80

Enclosure (3)

01 JUL 1972

T/M/S	OVERALL	
	MC GOAL	FMC GOAL
C-130F	60	46
KC-130F	72	53
KC-130R	75	58
EC-130G	80	65
EC-130Q	80	65
LC-130F	70	54
LC-130R	70	54
KC-130T	75	58
TC-130G	70	60
TC-130Q	70	60
C-20D	85	85
E-2C	70	54
TE-2C	75	68
E-6A	80	65
F-16N	90	90
TF-16N	90	90
RF-4B	70	54
F-4J	70	54
F-4S	75	58
F-5 SERIES	80	80
F-14A/B	65	50
F-14D	71	61
F/A-18A	75	58
F/A-18B	60	46
F/A-18C	75	58
F/A-18D	60	46
AH-1J	85	75
AH-1T	85	75
AH-1W	85	75
UH-1E	75	58

T/M/S	OVERALL	
	MC GOAL	FMC GOAL
TH-1L	85	75
HH-1K	85	75
UH-1N	85	75
HH-2D	90	85
SH-2F	71	54
HH-3A	74	57
UH-3A	60	46
VH-3A	90	90
SH-3D	70	54
SH-3G	71	54
SH-3H	78	60
HH-46A	75	60
CH-46D	76	58
HH-46D	80	60
UH-46D	80	60
CH-46E	80	77
CH-53A	73	60
CH-53D	73	65
CH-53E	70	60
MH-53E	70	60
RH-53D	60	45
HH-60H	75	60
SH-60B	77	58
SH-60F	75	60
P-3A	75	58
P-3B	80	61
P-3C	85	61
EP-3A	72	55
RP-3A	85	83
UP-3A	75	58
VP-3A	85	54
RP-3D	70	54
EP-3E	62	48
S-3A	70	54
S-3B	70	54
US-3A	70	54

01 JUL 1992

T/M/S	OVERALL	
	MC GOAL	FMC GOAL
ES-3A	70	50
T-2C	70	65
T-34C	80	80
T-39D	75	65
CT-39E	90	85
CT-39G	90	85
T-44A	80	80
T-45A	80	80
U-8F	80	61
U-6A	90	90
AV-8B	76	70
TAV-8B	72	68
OV-10A	75	65
OV-10D	77	59

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DESIGNATION ALPHANUMERIC	MISSION ESSENTIAL EQUIPMENT	OPC MISSION	FMC MISSION	PMC MISSION	PMC MISSION	PMC MISSION	PMC MISSION	SAFELY FLYABLE
B	EQUIPMENT 1	X						
C	EQUIPMENT 2	X	X					
C	EQUIPMENT 3 (T/A MODE REQUIRED)	X	X					
D	EQUIPMENT 4 (2 OF 2 REQUIRED)	X	X	X				
D	EQUIPMENT 5 (POSITIONS 4 & 5 REQUIRED)	X	X	X				
J	EQUIPMENT 6	X	X	X	X			
J	EQUIPMENT 7 (NOTE)	X		X	X			
K	EQUIPMENT 3 (T/F MODE REQUIRED)	X	X	X	X	X		
L	EQUIPMENT 8	X	X	X	X	X	X	
Z	EQUIPMENT 9	X	X	X	X	X	X	X
Z	ENGINE INSPECTION	X	X	X	X	X	X	X

Figure 1

NOTE: When the equipment is installed, report on the complete system. If the equipment is not installed, report on the wiring and plumbing only.

OPNAVINST 5442.4M

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MISSION CAPABLE GOALS BY TYPE/MODEL/SERIES
AIRCRAFT AND UNIT OPERATIONAL CATEGORY
FOR CURRENT FISCAL YEAR

Enclosure (4)

OPNAVINST 5442.4M
17 OCT 1990

MISSION CAPABLE (MC) AND FULL MISSION CAPABLE
(FMC) GOALS BY TYPE/MODEL/SERIES (T/M/S) AIRCRAFT AND
UNIT OPERATIONAL CATEGORY FOR CURRENT FISCAL YEAR

1. Overall goals combine operational status category codes defined in OPNAVINST 5442.2E.
2. Operational category "A" aircraft goals are five percent higher than the overall goals.
3. Operational category "B" aircraft goals are the same as the overall goals.
4. Operational category "C", "D" and "E" aircraft goals are five percent lower than the overall goals.

T/M/S	OVERALL	
	MC GOAL	FMC GOAL
EA-3B	53	41
KA-3B	72	55
ERA-3B	53	41
TA-3B	68	52
A-4E	65	50
A-4F	62	48
EA-4F	65	50
TA-4F	72	55
TA-4J	65	50
A-4M	68	52
OA-4M	73	56
EA-6A	58	40
EA-6B	73	54
KA-6D	69	53
A-6E	65	50
A-7B	60	46
A-7C	60	50
TA-7C	65	50
EA-7L	65	50
A-7E	65	50
C-2A	67	52
TC-4C	75	54

Enclosure (4)

OPNAVINST 5442.4M

17 OCT 1987

T/M/S	OVERALL	
	MC GOAL	FMC GOAL
UC-8A	80	61
UC-12B	80	80
UC-12F	80	80
UC-12M	80	80
C-9B	80	80
DC-9	80	80
C-130F	60	46
KC-130F	72	53
KC-130R	75	58
EC-130G	80	65
EC-130Q	80	65
LC-130F	70	54
LC-130R	70	54
KC-130T	75	58
TC-130G	70	60
TC-130Q	70	60
C-20D	85	85
E-2C	70	54
TE-2C	75	68
E-6A	80	65
F-16N	90	90
TF-16N	90	90
RF-4B	70	54
F-4J	70	54
F-4S	75	58
F-5 SERIES	80	80
F-14A	65	50
F/A-18A	75	58
F/A-18B	60	46
F/A-18C	75	58
F/A-18D	60	46
AH-1J	85	75
AH-1T	85	75
AH-1W	85	75
UH-1E	75	58

Enclosure (4)

17 OCT 1990

T/M/S	OVERALL	
	MC GOAL	FMC GOAL
HH-1K	85	75
UH-1N	85	75
HH-2D	90	85
SH-2F	71	54
HH-3A	74	57
UH-3A	60	46
VH-3A	90	90
SH-3D	70	54
SH-3G	71	54
SH-3H	78	60
HH-46A	75	60
CH-46D	76	58
HH-46D	80	60
UH-46D	80	60
CH-46E	80	77
CH-53A	73	60
CH-53D	73	65
CH-53E	70	60
MH-53E	70	60
RH-53D	60	45
HH-60H	75	60
SH-60B	77	58
SH-60F	75	60
P-3A	75	58
P-3B	80	61
P-3C	85	61
EP-3A	72	55
RP-3A	85	83
UP-3A	75	58
VP-3A	85	54
RP-3D	70	54
EP-3E	62	48
S-3A	70	54
S-3B	70	54
US-3A	70	54
ES-3A	70	50

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17 OCT 1990

T/M/S	OVERALL	
	MC GOAL	FMC GOAL
T-2C	70	65
T-34C	80	80
T-39D	75	65
CT-39E	90	85
CT-39G	90	85
T-44A	80	80
T-45A	80	80
U-8F	80	61
U-6A	90	90
AV-8B	76	70
TAV-8B	72	68
OV-10A	75	65
OV-10D	77	59

Enclosure (4)